Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 146 No. 12 March 20, 2018

Vol. 146 No. 12 le 20 mars 2018

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1708***
	For each additional sheet over 30	**$19**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1708 $***
	Pour chaque feuille au delà de 30	**19 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	$257
6. **Preliminary examination fee** (Rule 58)	$800

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	257 $
6. **Taxe d'examen préliminaire** (Règle 58)	800 $

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

3. Précisions concernant les formats électroniques acceptés

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 20, 2018 contains applications open to public inspection from March 4, 2018 to March 10, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 20 mars 2018 contient les demandes disponibles au public pour consultation pour la période du 4 mars 2018 au 10 mars 2018.

16. Erratum

The information concerning application number 2,981,972 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of October 31, 2017 was incorrect. Please note that no application is open to public inspection under this number.

16. Erratum

Les renseignements concernant la demande 2,981,972 sous la rubrique *Demandes canadiennes mises a la disponibilité du publique* de la *Gazette du Bureau des brevets* du 31 octobre 2017 sont inexacts. Veuillez noter qu`aucune demande n`est accessible au public sous ce numéro.

Canadian Patents Issued

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Brevets canadiens délivrés

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[54] **APPAREIL DE LECTURE, METHODE DE LECTURE, PROGRAMME, SUPPORT D'ENREGISTREMENT DE PROGRAMME, SYSTEME DE TRANSMISSION DE DONNEES, STRUCTURE DE DONNEES ET METHODE DE FABRICATION D'UN SUPPORT D'ENREGISTREMENT**
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[54] **DISPOSITIF D'ADAPTATEUR DE COUPLAGE DE LUMIERE DESTINE A UNE THERAPIE PHOTODYNAMIQUE OU PHOTOTHERMIQUE OU A UN DIAGNOSTIC PHOTODYNAMIQUE, AINSI QUE SYSTEME ET METHODE CORRESPONDANTS**
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[54] **PROCEDES DE DIAGNOSTIC D'ETATS DE SANTE ASSOCIES AU CANCER DES OVAIRES, ET DE RISQUE DE TELS ETATS**
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[54] **METHODE DE DETECTION D'UN RECIPIENT DE CUISSON SUR UNE SURFACE DE CUISSON PAR INDUCTION, ET SURFACE DE CUISSON UTILISANT CETTE METHODE**
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[54] **SYSTEME ET METHODE DE CONTROLE DE FREINS**
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[73] GIBBS TECHNOLOGIES LIMITED, GB
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[54] **MODULE DE RECEPTION ET DISTRIBUTION DE BILLETS DE BANQUE POUR EQUIPEMENTS DE DEPOT ET RETRAIT AUTOMATIQUE DE BILLETS DE BANQUE**
[72] BILLET, MIRKO, IT
[72] MARTINOTTI, MAURO, IT
[72] PERINO, MARIO, IT
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[72] SIMONOTTI, CARLO, IT
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[54] **METHODE D'ACQUISITION ET DE TRAITEMENT DE DONNEES SEISMIQUES MARINES POUR L'EXTRACTION ET L'UTILISATION CONSTRUCTIVE DE CHAMPS D'ONDES ASCENDANTS ET DESCENDANTS EMIS PAR LA OU LESSOURCES**
[72] PARKES, GREGORY ERNEST, GB
[72] HEGNA, STIAN, NO
[73] PGS GEOPHYSICAL AS, NO
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[54] **FROMAGE A LA CREME ET PROCEDE DE PREPARATION**
[72] WOLFSCHOON-POMBO, ALAN FREDERICK, DE
[72] EYSELEE, HENDRIK, US
[72] FERNANDEZ, ANTONIO MARTINEZ, DE
[72] DOUGLAS, NEIL GRIFFITH, AU
[73] KRAFT FOODS R & D, INC., US
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[54] **UTILISATION DE CANNABINOIDES EN COMBINAISON AVEC UN MEDICAMENT ANTIPSYCHOTIQUE**
[72] KIKUCHI, TETSURO, JP
[72] MAEDA, KENJI, JP
[72] GUY, GEOFFREY, GB
[72] ROBSON, PHILIP, GB
[72] STOTT, COLIN, GB
[73] OTSUKA PHARMACEUTICAL CO., LIMITED, JP
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[54] **COUVERCLE PORTEUR ESCAMOTABLE**
[72] JACKSON, JUDD, US
[72] URAM, SCOTT, US
[72] WEISNER, BRIAN, US
[72] DEBEAU, LEE, US
[73] WUTPOOL, INC., US
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[54] **COMPOSITION POUR L'ALIMENTATION HUMAINE ET/OU ANIMALE, SES UTILISATIONS, LEVURES**
[72] SIMON, JEAN-LUC, FR
[72] PIGNEDE, GEORGES, FR
[72] VANDEKERCKOVE, PASCAL, FR
[72] POULAIN, DANIEL, FR
[72] DESREUMAUX, PIERRE, FR
[72] DARFEUILLE-MICHAUD, ARLETTE, FR
[72] SIVIGNON, ADELINE, FR
[73] LESAFFRE ET COMPAGNIE, FR
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[54] **ILOT DE VENTE MODULAIRE AVEC SURMONTOIR A SURFACE PROFILEE**
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[72] KOZAK, IRA, US
[73] KOZAK, BURTON, US
[73] KOZAK, IRA, US
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[54] **DEBITMETRE DE MATIERES PARTICULAIRES POUR UN INSTRUMENT AGRICOLE**
[72] LANDPHAIR, DONALD K., US
[72] PHELAN, JAMES J., US
[72] LIU, JAMES Z., US
[73] DEERE & COMPANY, US
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[54] **FLACON DE CULTURE DE TISSU MULTICOUCHE**
[72] LACEY, WILLIAM J., US
[72] SHANLER, MICHAEL S., US
[72] CAI, AMY W., US
[73] CORNING INCORPORATED, US
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[72] GERVAIS, JOSEPH LUCIEN FERNAND, CA
[72] DICKSON, NICHOLAS SCOTT, CA
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[54] **SYSTEMES ET METHODES D'APPROVISIONNEMENT ET DE SUIVI DE FOURNITURES MEDICALES DESTINEES A DES INTERVENTIONS MEDICALES**
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[54] **TAMPON D'APPLICATION D'ENDUIT DE SOL ET PROCEDE**
[72] LUDTKE, NATHAN E., US
[72] WEAVER, GLENN, US
[72] SCHMITZ, AXEL, CH
[72] LINDEN, SHWN-MEEI, US
[73] DIVERSEY, INC., US
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[72] GARG, ASHUTOSH, US
[72] DHAMDHERE, KEDAR, US
[73] GOOGLE LLC, US
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[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR DES DONNEES A UN PROCESSEUR, ET BLOC CAPTEUR**
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[72] ROSENBERG, ILYA, US
[73] NEW YORK UNIVERSITY, US
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[54] **PROCEDES ET APPAREIL DE RESTAURATION D'ECOULEMENT**
[72] SLEE, EARL HOWARD, US
[72] WILDER, THOMAS, III, US
[72] MCCARTHY, THOMAS, US
[72] FRANCO, DAVID, US
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[73] CIDRA CORPORATE SERVICES, INC., US
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[72] KASSEM, SALIM, US
[73] INTEGRA LIFESCIENCES CORPORATION, US
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[72] CLIFFORD, CHARLES B., US
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[73] CHARLES RIVER LABORATORIES, INC., US
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[54] **SYSTEME, PROCEDE ET APPAREIL D'ETALONNAGE D'UNITE DE VENTILATION**
[72] SINUR, RICHARD R., US
[72] JOHNSON, STEVEN A., US
[72] WELLNITZ, BRIAN R., US
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[73] BROAN-NUTONE LLC, US
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[72] LICHTENSTEIN, YOAV, IL
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[54] **SAPONINES TRITERPENIQUES, PROCEDES DE SYNTHESE ET UTILISATIONS DE CELLES-CI**
[72] GIN, DAVID, US
[72] ADAMS, MICHELLE, US
[72] DENG, KAI, US
[72] PERL, NICHOLAS, US
[72] WON, ANNIE, US
[72] LIVINGSTON, PHILIP, US
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[54] **VECTEUR D'EXPRESSION**
[72] SHIMATANI-SHIBATA, YUKO, JP
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[73] ANAEROPHARMA SCIENCE, INC., JP
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[54] **NOUVELLES APPROCHES THERAPEUTIQUES POUR TRAITER LA MALADIE D'ALZHEIMER ET LES TROUBLES QUI LUI SONT ASSOCIES PAR MODULATION DE L'ANGIOGENESE**
[72] COHEN, DANIEL, FR
[72] CHUMAKOV, ILYA, FR
[72] NABIROCHKIN, SERGUEI, FR
[72] GUERASSIMENKO, OXANA, FR
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[72] HOUSSAIS, ALAIN, FR
[73] OLAER INDUSTRIES, FR
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[72] BRISSE, MARIE, FR
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[54] **CATHETER MUNI D'UN CAPTEUR DE PRESSION**
[72] GOVARI, ASSAF, IL
[73] BIOSENSE WEBSTER (ISRAEL), INC., IL
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[54] **METHODS AND APPARATUS FOR DILUENT NITROGEN SATURATION**
[54] **METHODES ET APPAREILS POUR SATURATION EN AZOTE DILUANT**
[72] THACKER, PRADEEP S., US
[72] WALLACE, PAUL STEVEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **GUIDE D'ONDES COMPOSITE STRUCTURE POUR DES SOUS-LONGUEURS D'ONDES DANS DES SYSTEMES OPTIQUES**
[72] CHEBEN, PAVEL, CA
[72] BOCK, PRZEMEK, CA
[72] SCHMID, JENS, CA
[72] JANZ, SIEGFRIED, CA
[72] XU, DAN-XIA, CA
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[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **PROCEDE ET APPAREIL POUR RAFFINER LE CHARBON**
[72] BRUSO, BRUCE L., US
[73] BRUSO, BRUCE L., US
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[54] **DISPOSITIF DE DESEMBUAGE DE RETROVISEUR ET DE VITRAGE DE LA PORTIERE**
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[54] **EXOSQUELETTE ET PROCEDE DE MAITRISE DU BALANCEMENT DE LA JAMBE DE L'EXOSQUELETTE**
[72] KAZEROONI, HOMAYOON, US
[72] AMUNDSON, KURT, US
[72] ANGOLD, RUSSDON, US
[72] HARDING, NATHAN, US
[73] BERKELEY BIONICS, US
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[54] **PROCEDES ET INTERMEDIAIRES POUR LA REALISATION D'EXHAUSTEURS DE GOUT SUCRE**
[72] TACHDJIAN, CATHERINE, US
[72] KARANEWSKY, DONALD S., US
[72] TANG, XIAO QING, US
[72] CHEN, QING, US
[72] RASHID, TAYYAB, US
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[72] LEEMING, PETER, US
[73] SENOMYX, INC., US
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[54] **SYSTEME DE RACCORDS POUR TUYAUX D'AIR MEDICAL**
[72] HACKE, GERHARD A., CA
[72] HACKE, CORNEL C., CA
[73] RESPAN PRODUCTS, INC., CA
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[54] **METHOD FOR ASSAYING HEAVY HYDROCARBONS IN ROCK SAMPLES**
[54] **PROCEDE DE DOSAGE DES HYDROCARBURES LOURDS DANS DES ECHANTILLONS DE ROCHE**
[72] BERRUT, JEAN-BERNARD, FR
[72] HOUZAY, JEAN-PIERRE, FR
[73] TOTAL S.A., FR
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[87] (2736096)
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[72] SCHMALZ, CHRISTIAN, DE
[72] SCHMELZER, ANTJE, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **EXTENSION SHAFT FOR HOLDING A TOOL FOR ROTARY DRIVEN MOTION**
[54] **TIGE DE RALLONGE SERVANT A TENIR UN OUTIL EN VUE D'UN MOUVEMENT ENTRAINE PAR ROTATION**
[72] KOZAK, BURTON, US
[72] KOZAK, IRA, US
[73] KOZAK, BURTON, US
[73] KOZAK, IRA, US
[85] 2011-03-08
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[25] EN
[54] **STAT3 PATHWAY INHIBITORS AND CANCER STEM CELL INHIBITORS**
[54] **INHIBITEURS DE CHEMIN STAT3 ET INHIBITEURS DE CELLULE SOUCHE DE CANCER**
[72] JIANG, ZHIWEI, US
[72] LI, CHIANG JIA, US
[72] LI, WEI, US
[72] LEGGETT, DAVID, US
[73] BOSTON BIOMEDICAL, INC., US
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[54] **IMAGING PROCESSES**
[54] **PROCEDES D'IMAGERIE**
[72] VEREGIN, RICHARD P. N., CA
[72] ROTBERG, ERIC, CA
[72] ZWARTZ, EDWARD G., CA
[72] YANG, SUXIA, CA
[72] VANBESIEN, DARYL W., CA
[72] VONG, CUONG, CA
[72] MOFFAT, KAREN A., CA
[73] XEROX CORPORATION, US
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[87] (2736638)
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[25] EN
[54] **NOVEL COMPOUNDS FOR THE TREATMENT OR ALLEVIATION OF EDEMA, AND METHODS FOR THEIR USE**
[54] **NOUVEAUX COMPOSES POUR LE TRAITEMENT OU L'ATTENUATION DES OEDEMES, ET LEURS METHODES D'UTILISATION**
[72] ZARGARI, AREZOU, SE
[72] AXELSSON, LARS-GORAN, SE
[72] SPIIK, ANN-KRISTIN, SE
[72] KOUZNETSOV, NIKOLAI, SE
[73] INDEX PHARMACEUTICALS AB, SE
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[54] **MANCHON POUR CONNECTEUR DE BARRIERE ET CONNECTEUR DE BARRIERE**
[72] WINSHIP, PHILLIP, STEVEN, GB
[73] CABLE MANAGEMENT PRODUCTS LTD., GB
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[54] **ETAGERE PORTATIVE TOUT USAGE**
[72] LOPEZ, ALBERT MANUEL, JR., US
[73] LOPEZ, ALBERT MANUEL, JR., US
[86] (2738189)
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[25] EN
[54] **SELECTIVE PROTON COUPLED FOLATE TRANSPORTER AND FOLATE RECEPTOR, AND GARFTASE INHIBITOR COMPOUNDS AND METHODS OF USING THE SAME**
[54] **RECEPTEUR DU FOLATE ET TRANSPORTEUR DU FOLATE SELECTIFS COUPLES AUX PROTONS, ET COMPOSES INHIBITEURS DE LA GARFTASE ET METHODES D'UTILISATION ASSOCIEES**
[72] GANGJEE, ALEEM, US
[72] MATHERLY, LARRY H., US
[73] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[73] WAYNE STATE UNIVERSITY, US
[85] 2011-03-31
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[54] **EMULSION STABLE PRETE A L'EMPLOI**
[72] KOEPSEL, CHRISTIAN, DE
[73] BASF SE, DE
[85] 2011-03-17
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[25] EN
[54] **METHOD FOR MANUFACTURING A MULTI-LAYERED CONFECTIONERY SHELL**
[54] **METHODE DE FABRICATION D'UNE CONFISERIE MULTICOUCHE**
[72] GUSTAV, THORSTEN, GB
[72] BAUER, SANDRA, DE
[72] SCHULZ, MICHAEL, DE
[73] KRAFT FOODS R & D, INC., US
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[54] **PROCESS FOR THE PRODUCTION OF CHLORINE DIOXIDE**
[54] **PROCEDE DE PRODUCTION DE DIOXYDE DE CHLORE**
[72] HULTEN, FELIX KARL TORSTEN, SE
[72] APPELQVIST ALBINSSON, KAROLINA ELLEN THERESE, SE
[72] PELIN, KALLE HANS THOMAS, SE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
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[25] EN
[54] **NANOPARTICLE SYSTEM COMPRISING OIL AND UV FILTER**
[54] **ARRANGEMENT DE NANOPARTICULE RENFERMANT DE L'HUILE ET UN FILTRE UV**
[72] POHLMANN, ADRIANA RAFFIN, BR
[72] GUTERRES, SILVIA STANISCUASKI, BR
[72] JAEGER, ALESSANDRO, BR
[73] BIOLAB SANUS FARMACEUTICA LTDA., BR
[73] UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL - UFRGS, BR
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[54] **MULTIMEDIA DEVICE TEST SYSTEM**
[54] **SYSTEME D'ESSAI D'APPAREILS MULTIMEDIAS**
[72] VALAKH, VLADZIMIR, US
[72] MIRANDA, VICENTE, US
[72] RACEY, DARBY, US
[73] CONTEC LLC, US
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[54] **SATELLITE TELECOMMUNICATION SYSTEM COMPRISING A MECHANISM FOR SEPARATING MESSAGES TRANSMITTED BY A PLURALITY OF TRANSMITTERS**
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE INCLUANT UN MECANISME POUR SEPARER LES MESSAGES TRANSMIS PAR UNE PLURALITE D'EMETTEURS**
[72] BARDOUT, YVES, FR
[73] THALES, FR
[86] (2740754)
[87] (2740754)
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[54] **MTOR KINASE INHIBITORS FOR ONCOLOGY INDICATIONS AND DISEASES ASSOCIATED WITH THE MTOR/PI3K/AKT PATHWAY**
[54] **INHIBITEURS DE MTOR KINASE ET LEUR EMPLOI DANS LES CAS D'INDICATIONS ONCOLOGIQUES ET POUR DES MALADIES EN RAPPORT AVEC LA VOIE MTOR/PI3K/AKT**
[72] ELSNER, JAN, US
[72] HARRIS, ROY L., US
[72] LEE, BRANDEN, US
[72] MORTENSEN, DEBORAH, US
[72] PACKARD, GARRICK, US
[72] PAPA, PATRICK, US
[72] PERRIN-NINKOVIC, SOPHIE, US
[72] RIGGS, JENNIFER, US
[72] SANKAR, SABITA, US
[72] SAPIENZA, JOHN, US
[72] SHEVLIN, GRAZIELLA, US
[72] TEHRANI, LIDA, US
[72] XU, WEIMING, US
[72] ZHAO, JINGJING, US
[72] PARNES, JASON, US
[72] MADAKAMUTIL, LOUI, US
[72] FULTZ, KIMBERLY, US
[72] NARLA, RAMA K., US
[73] SIGNAL PHARMACEUTICALS, LLC, US
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[25] EN
[54] **ARTIFICIAL NAIL DISPLAY PACKAGE**
[54] **PRESENTOIR POUR ONGLES ARTIFICIELS**
[72] SUNG, SIYONG, US
[73] KISS NAIL PRODUCTS, INC., US
[86] (2741305)
[87] (2741305)
[22] 2011-05-27
[30] US (12/797,325) 2010-06-09
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[51] **Int.Cl. C01B 3/34 (2006.01) B01J 19/24 (2006.01)**
[25] FR
[54] **REACTOR EXCHANGER WITH BAYONET TUBES AND SMOKE TUBES SUSPENDED TO THE UPPER VAULT OF THE REACTOR**
[54] **REACTEUR ECHANGEUR A TUBES BAIONNETTES ET A TUBES DE FUMEES SUSPENDUS A LA VOUTE SUPERIEURE DU REACTEUR**
[72] GIROUDIERE, FABRICE, FR
[72] NASTOLL, WILLI, FR
[72] FISCHER, BEATRICE, FR
[72] PAVONE, DIDIER, FR
[72] LAVIEU, HERVE, FR
[72] GONNET, DANIEL, FR
[72] LEROUX, JEAN-NOEL, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **FLEXIBLE SHAFT WIND TURBINE**
[54] **EOLIENNE A ARBRE FLEXIBLE**
[72] REBSDORF, ANDERS VARMING, DK
[73] ENVISION ENERGY (DENMARK) APS, DK
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[54] **DESATURASES AND PROCESS FOR THE PRODUCTION OF POLYUNSATURATED FATTY ACIDS IN TRANSGENIC ORGANISMS**
[54] **DESATURASES ET PROCEDE POUR LA PRODUCTION D'ACIDES GRAS POLYINSATURES DANS DES ORGANISMES TRANSGENIQUES**
[72] NAPIER, JOHNATHAN A., GB
[72] SENGER, TORALF, DE
[72] BAUER, JOERG, DE
[73] BASF PLANT SCIENCE GMBH, DE
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[54] **COMPOSITIONS HAVING A PLURALITY OF DISCRETE EMULSIONS**
[54] **COMPOSITIONS AYANT UNE PLURALITE D'EMULSIONS DISCRETES**
[72] GAENZLER, FAITH A., US
[72] HONG, QI, US
[72] GONZALEZ, ANTHONY D., US
[73] AVON PRODUCTS, INC., US
[85] 2011-05-30
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[25] EN
[54] **CONNECTOR FOR ELECTRONIC ASSEMBLIES THAT SCREENS AND DOES NOT REQUIRE SOLDERING**
[54] **CONNECTEUR SANS SOUDURE SERVANT D'ECRAN POUR ENSEMBLES ELECTRONIQUES**
[72] COURSELLE, LAURENT, FR
[72] TONUS, SERGE, FR
[72] FRINAULT, CELINE, FR
[72] DEBARGE-CAILLE, CECILE, FR
[72] RIAD, ABDELMOUNAIM, FR
[72] MONFRAIX, PHILIPPE, FR
[73] THALES, FR
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[25] FR
[54] **METHOD FOR DEVELOPING AN OIL FIELD USING A RESERVOIR MODEL THAT IS GRADUALLY DISTORTED THROUGH CO-SIMULATIONS**
[54] **PROCEDE D'EXPLOITATION D'UN GISEMENT PETROLIER A PARTIR D'UN MODELE DE RESERVOIR DEFORME GRADUELLEMENT AU MOYEN DE COSIMULATIONS**
[72] LE RAVALEC, MICKAEELE, FR
[72] DA VEIGA, SEBASTIEN, FR
[73] IFP ENERGIES NOUVELLES, FR
[86] (2746900)
[87] (2746900)
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[25] EN
[54] **A HYDROELECTRIC TURBINE SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE TURBINE HYDROELECTRIQUE**
[72] DUNNE, PAUL, IE
[72] IVES, JAMES, IE
[73] OPENHYDRO IP LIMITED, IE
[85] 2011-06-13
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[54] **MACHINE FOR PACKAGING ARTICLES INSIDE CONTAINERS**
[54] **MACHINE POUR LE CONDITIONNEMENT D'ARTICLES DANS DES CONTENEURS**
[72] DAVI, DANIELE, IT
[72] PALLARA, MICHELE, IT
[73] CT PACK S.R.L., IT
[86] (2747450)
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[25] EN
[54] **A PROCESS FOR THE ISOLATION OF CAROTENOIDS CRYSTALS FROM DIFFERENT PLANTS**
[54] **PROCEDE D'ISOLEMENT DE CRISTAUX CAROTENOIDES A PARTIR DE DIFFERENTES PLANTES**
[72] SETHURAMAN, SWAMINATHAN, IN
[72] MADAVALAPPIL KUNHIRAMAN, PRIYA, IN
[73] KATRA PHYTOCHEM INDIA PRIVATE LIMITED, IN
[85] 2011-06-30
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[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **INFUSION SET AND/OR PATCH PUMP HAVING AT LEAST ONE OF AN IN-DWELLING RIGID CATHETER WITH FLEXIBLE FEATURES AND/OR A FLEXIBLE CATHETER ATTACHMENT**
[54] **ENSEMBLE DE PERFUSION ET/OU POMPE A TAMPON PRESENTANT UN CATHETER RIGIDE INTEGRE A CARACTERISTIQUES FLEXIBLES ET/OU UNE FIXATION POUR CATHETER FLEXIBLE**
[72] SKUTNIK, PETER, US
[72] HORVATH, JOSHUA, US
[72] BANIK, ROBERT, US
[72] SEARLE, GARY, US
[72] BENE, ERIC, US
[73] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. B01D 61/58 (2006.01) B01D 65/00 (2006.01)**
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[54] **OPTIMISATION DE LA SEPARATION POUR DES SUSPENSIONS VISQUEUSES**
[72] KOPF, HENRY B., US
[72] KACMAE, JAMES A., US
[73] SMARTFLOW TECHNOLOGIES, INC., US
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[25] EN
[54] **USE OF A GLUCOCORTICOID COMPOSITION FOR THE TREATMENT OF SEVERE AND UNCONTROLLED ASTHMA**
[54] **UTILISATION D'UNE COMPOSITION A BASE DE GLUCOCORTICOIDE POUR LE TRAITEMENT D'ASTHME GRAVE ET A DYSPNEE CONTINUE**
[72] MUELLINGER, BERNHARD, DE
[72] SCHEUCH, GERHARD, DE
[72] HOFMANN, THOMAS, US
[72] KRONEBERG, PHILIPP, DE
[73] VECTURA GMBH, DE
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[25] EN
[54] **ROPE CROSSING AND ROPE PLAY EQUIPMENT AND METHOD FOR PRODUCING A ROPE CROSSING AND APPARATUS FOR PERFORMING THE METHOD**
[54] **EQUIPEMENT DE TRAVERSEE DE CORDE ET DE JEU DE CORDE ET METHODE DE PRODUCTION DE TRAVERSEE DE CORDE ET APPAREIL POUR EXECUTER LA METHODE**
[72] KOEHLER, KARL-HEINZ, DE
[73] BERLINER SEILFABRIK GMBH & CO., DE
[86] (2752395)
[87] (2752395)
[22] 2011-09-15
[30] US (12/911,078) 2010-10-25
[30] EP (10 188 636.4) 2010-10-25

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[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **CONTROL SERVICE FOR RELATIONAL DATA MANAGEMENT**
[54] **SERVICE DE COMMANDE POUR GESTION DE DONNEES RELATIONNELLES**
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] MCALISTER, GRANT A.M., US
[72] FRANKLIN, PAUL DAVID, US
[72] SHETH, RAJESH SUDHAKER, US
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[72] MULTEDO, GILBERT, FR
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[54] **COMPOSES AROMATIQUES SUBSTITUES ET UTILISATIONS PHARMACEUTIQUES DE CEUX-CI**
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[73] BIOSENSORS, INC., US
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[72] CHEHAB, KHALED A., US
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[54] **UN PROCEDE DE SERIGRAPHIE ET SERIGRAPHIE 3D**
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[72] SMALLEGANGE, MARTIN JAN, NL
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[72] GROSSMANN, TOM N., US
[72] MOELLERING, RAYMOND E., US
[72] YEH, TSUNG-HAN JOHANNES, US
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[72] RADINOV, ROUMEN NIKOLAEV, US
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[72] RAIMARCKERS, NICOLAS, BE
[72] DEPAEPE, DAVID, BE
[72] CULOT, YVES, BE
[72] STRENGNART, MARC, BE
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[54] **ANALYSEUR DE PROTEINE AUTOMATISE**
[72] COLLINS, MICHAEL J., SR., US
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[72] ZAWATSKY, TIMOTHY A., US
[72] HERMAN, DAVID L., US
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[54] **DISPOSITIF DE STERILISATION D'EAU PAR OXYDATION ANODIQUE**
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[54] **APPAREIL A SONDES VIBRANTES SPHERIQUES ET PROCEDE POUR MENER UNE ANALYSE D'EFFICACITE DU TRAITEMENT DE LA DOULEUR A L'AIDE DE L'APPAREIL A SONDES**
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[72] CROSSON, JOHN, US
[73] NEWLIFE SCIENCES LLC, US
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[54] **METHODES ET SYSTEMES DE FOURNITURE DE SERVICES A LARGE BANDE A L'EQUIPEMENT DES LOCAUX DU CLIENT**
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[72] NYSTROEM, PETER, SE
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[54] **APPARATUS AND METHOD FOR CONTROLLING A CAMERA IN AN ELECTRONIC DEVICE**
[54] **DISPOSITIF ET METHODE DE COMMANDE D'UN APPAREIL PHOTO A L'INTERIEUR D'UN APPAREIL ELECTRONIQUE**
[72] LOS, OLEG, US
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEME DE TURBINE HYDROELECTRIQUE**
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[72] MURPHY, NICK, GB
[72] IVES, JAMES, IE
[73] OPENHYDRO IP LIMITED, IE
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[54] **PROCEDE DE FERMENTATION SOUS PRESSION REDUITE**
[72] VAN BREUGEL, JAN, NL
[72] GROOT, WILLEM JACOB, NL
[72] JANSEN, PETER PAUL, NL
[73] PURAC BIOCHEM BV, NL
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[54] **PROCEDE D'OXYDATION DE COMPOSES ORGANIQUES**
[72] SETIER, JEAN-CLAUDE, FR
[72] PORNAIN, JEAN-LOUIS, FR
[72] DEHEZ, JEAN-SEBASTIEN, FR
[72] PERIE, FREDERIC, FR
[72] BLONDEL, JEAN-MARIE, BE
[72] JACQUET, ROGER, BE
[72] RENAT, JEAN-CHRISTOPHE, FR
[72] CLEMENTELLE, LAURENT, FR
[72] PLAISIER, WIM, CH
[73] TOTAL S.A., FR
[73] SOLVAY, BE
[73] TRAITEMENT VALORISATION DECONTAMINATION (TVD), FR
[73] ARCADIS ESG, FR
[85] 2012-04-04
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[54] **DEGAZAGE D'ACIERS MARTENSITIQUES INOXYDABLES AVANT REFUSION SOUS LAITIER**
[72] FERRER, LAURENT, FR
[72] PHILIPSON, PATRICK, FR
[73] SNECMA, FR
[85] 2012-04-05
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[54] **TACTILE CUEING APPARATUS**
[54] **APPAREIL D'AVERTISSEMENT TACTILE**
[72] TAYLOR, ADAM, GB
[73] BAE SYSTEMS PLC, GB
[85] 2012-04-17
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[54] **BASE DE SUPPORT TRANSPORTABLE**
[72] PRESCOTT, ALAIN, CA
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[54] **RECEPTION SYSTEM INCLUDING A MECHANISM COUNTERING PULSED INTERFERENCE**
[54] **SYSTEME DE RECEPTION COMPORTANT UN MECANISME POUR CONTRER LE BROUILLAGE PAR IMPULSION**
[72] MARTIN, NICOLAS, FR
[72] PERRE, JEAN-MICHEL, FR
[72] DEPRAZ, DAVID, FR
[73] THALES, FR
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[54] **PROBIOTIC BIFIDOBACTERIUM STRAIN**
[54] **SOUCHE DE BIFIDOBACTERIUM PROBIOTIQUE**
[72] O'MAHONY, LIAM, IE
[72] KIELY, BARRY, IE
[72] CRYAN, JOHN FRANCIS, IE
[72] DINAN, TIMOTHY, IE
[72] MURPHY, EILEEN FRANCES, IE
[73] ALIMENTARY HEALTH LIMITED, IE
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[54] **AMIDOACETONITRILE COMPOUNDS HAVING PESTICIDAL ACTIVITY**
[54] **COMPOSES D'AMIDOACETONITRILE DOTES D'UNE ACTIVITE PESTICIDE**
[72] GOEBEL, THOMAS, CH
[72] GAUVRY, NOELLE, CH
[72] SAGER, HEINZ, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
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[54] **CONDITIONNEMENT D'UN PANNEAU VITRE**
[72] SYFKO, PAUL, US
[73] BELRON INTERNATIONAL LIMITED, GB
[85] 2012-05-03
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[54] **METHOD AND MACHINE FOR MANUFACTURING PASTE, IN PARTICULAR CARBON PASTE FOR MAKING ALUMINUM PRODUCTION ELECTRODES**
[54] **PROCEDE ET MACHINE DE FABRICATION DE PATE, NOTAMMENT DE PATE CARBONEE POUR LA REALISATION D'ELECTRODES DE PRODUCTION D'ALUMINIUM**
[72] ANDRE, JEAN-FRANCOIS, FR
[73] FIVES SOLIOS, FR
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[54] **EMISSION-RECEPTION PROCESS AND SYSTEM FOR A DIGITAL SIGNAL OVER RADIO**
[54] **SYSTEME ET PROCEDE D'EMISSION-RECEPTION D'UN SIGNAL NUMERIQUE SUR VOIE RADIO**
[72] LAURENT, PIERRE-ANDRE, FR
[73] THALES, FR
[85] 2012-05-16
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[54] **DEVICE FOR MEASURING WALL VALUES**
[54] **DISPOSITIF DE MESURE DE GRANDEURS PARIETALES**
[72] LAURENT, IVAN, FR
[73] MC ACI, FR
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[54] **METHOD AND DEVICE FOR CHECKING A SYSTEM FOR MEASURING A FLOW OF FUEL IN REAL TIME**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE EN TEMPS REEL D'UN SYSTEME DE MESURE DE DEBIT DE CARBURANT**
[72] GODEL, FRANCK, FR
[72] GUEIT, NICOLAS MARIE PIERRE, FR
[72] MAILLE, JULIEN MARCEL ROGER, FR
[72] PONTALLIER, BENOIT, FR
[73] SNECMA, FR
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[54] **METHOD AND DEVICE FOR MONITORING TORSIONAL VIBRATIONS OF A ROTARY SHAFT OF A TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DE VIBRATIONS EN TORSION D'UN ARBRE ROTATIF D'UNE TURBOMACHINE**
[72] GEREZ, VALERIO, FR
[72] GRIFFATON, JULIEN CHRISTIAN PASCAL, FR
[72] JADCZAK, EDOUARD JOSEPH, FR
[73] SNECMA, FR
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[54] **COMBINED ON-LATTICE/OFF-LATTICE OPTIMIZATION METHOD FOR RIGID BODY DOCKING**
[54] **PROCEDE D'OPTIMISATION SUR UNE GRILLE/HORS D'UNE GRILLE COMBINEE DESTINE A AMARRER UN CORPS RIGIDE**
[72] OHRN, ANDERS, CA
[73] ZYMEWORKS INC., CA
[85] 2012-05-31
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[54] **METHOD AND DEVICE FOR DIVERTING A FLOW OF FLEXIBLE FLAT ITEMS**
[54] **PROCEDE ET DISPOSITIF POUR DEVIER UN FLUX D'OBJETS PLATS FLEXIBLES**
[72] TANNER, ROLAND, CH
[73] FERAG AG, CH
[85] 2012-05-31
[86] 2010-11-29 (PCT/CH2010/000302)
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[25] EN
[54] **COATED PARTICLES OF A GLUMATIC ACID N,N-DIACETATE CHELATING AGENT**
[54] **PARTICULES REVETUES D'UN AGENT CHELATANT A BASE DE N,N-DIACETATE D'ACIDE GLUTAMIQUE**
[72] VAN LARE, CORNELIS ELIZABETH JOHANNUS, NL
[72] DOPPEN, ROY GERARD, NL
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2012-05-31
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[54] **LIQUID SUSPENSION CONCENTRATE FORMULATIONS CONTAINING SAFLUFENACIL AND GLYPHOSATE**
[54] **FORMULATIONS DE CONCENTRE DE SUSPENSION LIQUIDE CONTENANT DU SAFLUFENACIL ET DU GLYPHOSATE**
[72] KRAPP, MICHAEL, DE
[72] GREGORI, WOLFGANG, DE
[72] ADAM, SVEN, DE
[72] KOLB, KLAUS, DE
[72] JAKOB, JUERGEN, DE
[72] SIEVERNICH, BERND, DE
[72] STEUERWALD, JOERG, DE
[72] BOWE, STEVEN, US
[72] ZAWIERUCHA, JOSEPH, US
[72] LIEBL, REX, US
[73] BASF SE, DE
[85] 2012-06-01
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[25] EN
[54] **INTAGLIO PRINTING PRESS WITH MOBILE CARRIAGE SUPPORTING INK-COLLECTING CYLINDER**
[54] **PRESSE A IMPRIMER EN CREUX AVEC CHARIOT MOBILE SUPPORT LE ROULEAU COLLECTEUR D'ENCRE PRESSE A IMPRIMER EN CREUX AVEC CHARIOT MOBILE SUPPORTANT UN ROULEAU DE COLLECTE D'ENCRE**
[72] SCHAEDE, JOHANNES GEORG, DE
[72] SCHWITZKY, VOLKMAR ROLF, DE
[73] KBA-NOTASYS SA, CH
[85] 2012-06-05
[86] 2010-12-20 (PCT/IB2010/055943)
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[54] **GRAFT DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS DE GREFFE ET PROCEDES D'UTILISATION**
[72] SOLETTI, LORENZO, US
[72] EL-KURDI, MOHAMMED S., US
[72] MCGRATH, JON, US
[72] FLAHERTY, J. CHRISTOPHER, US
[73] NEOGRAFT TECHNOLOGIES, INC., US
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[25] EN
[54] **MALODOR CONTROL COMPOSITION HAVING AN ACID CATALYST AND METHODS THEREOF**
[54] **COMPOSITION DESODORISANTE CONTENANT UN CATALYSEUR ACIDE ET PROCEDES ASSOCIES**
[72] WOO, RICKY AH-MAN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[72] JACKSON, RHONDA JEAN, US
[72] LIU, ZAIYOU, US
[72] MALANYAON, MICHAEL-VINCENT NARIO, US
[72] OLCHOVY, JASON JOHN, US
[72] READNOUR, CHRISTINE MARIE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **FISHING TACKLE ATTACHMENT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE FIXATION D'ENGIN DE PECHE**
[72] PETHERICK, ANDREW, GB
[73] SALAMANDER PRECISION TECHNOLOGY LIMITED, GB
[85] 2012-06-14
[86] 2010-12-20 (PCT/GB2010/052147)
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[25] EN
[54] **VARIABLE PITCH FAN HAVING A PITCH SENSOR**
[54] **VENTILATEUR A PAS VARIABLE COMPORTANT UN CAPTEUR DE PAS**
[72] MCCALLUM, JONATHAN E., CA
[72] NORELL, ANDREW L., CA
[72] ANTOSZKO, GEORGE, CA
[72] KLOZA, MARIUSZ, US
[73] FLEXXAIRE INC., CA
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[25] FR
[54] **LIQUID/LIQUID EXTRACTION METHOD FOR PURIFYING URANIUM FROM NITRIC ACID DISSOLUTION OF NATURAL URANIUM CONCENTRATE**
[54] **PROCEDE D'EXTRACTION LIQUIDE - LIQUIDE POUR LA PURIFICATION DE L'URANIUM ISSU DE LA DISSOLUTION NITRIQUE D'UN CONCENTRE D'URANIUM NATUREL**
[72] MIGUIRDITCHIAN, MANUEL, FR
[72] BARON, PASCAL, FR
[72] BISEL, ISABELLE, FR
[72] DINH, BINH, FR
[72] SOREL, CHRISTIAN, FR
[72] BERTIN, JEAN, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[73] AREVA NC, FR
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[54] **STACK GAS MEASUREMENT DEVICE AND METHOD THEREFOR**
[54] **DISPOSITIF DE MESURE DES GAZ EMIS PAR LES HAUTS FOURNEAUX ET PROCEDE ASSOCIE**
[72] BRAND, JOEL A., US
[72] GAUS, ARON D., US
[73] BRAND-GAUS, LLC, US
[85] 2012-06-22
[86] 2010-12-23 (PCT/US2010/062013)
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[30] US (12/646,484) 2009-12-23

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[25] EN
[54] **FREQUENCY DIVISION DUPLEX (FDD) RETURN LINK TRANSMIT DIVERSITY SYSTEMS, METHODS AND DEVICES USING FORWARD LINK SIDE INFORMATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS A DIVERSITE DE TRANSMISSION SUR LIAISON RETOUR AVEC DUPLEX PAR DIVISION DE FREQUENCE (FDD) UTILISANT DES INFORMATIONS DE COTE LIAISON AVANT**
[72] DUTTA, SANTANU, US
[73] ATC TECHNOLOGIES, LLC, US
[85] 2012-06-27
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[54] **VACCINIA VIRUS MUTANTS CONTAINING THE MAJOR GENOMIC DELETIONS OF MVA**
[54] **MUTANTS DU VIRUS DE LA VACCINE COMPORTANT LES PRINCIPALES DELETIONS GENOMIQUES DU VIRUS DE LA VACCINE ANKARA MODIFIEE**
[72] HAUSMANN, JUERGEN, DE
[72] MEISINGER-HENSCHEL, CHRISTINE, DE
[72] SUTER, MARK, CH
[73] BAVARIAN NORDIC A/S, DK
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[54] **WIND TURBINE ROTOR BLADE COMPONENTS AND METHODS OF MAKING SAME**
[54] **ELEMENTS PALES DE ROTOR D'EOLIENNE ET PROCEDES DE FABRICATION DE CES ELEMENTS**
[72] GRUHN, JOEL D., US
[72] FRANKLIN, ETHAN, US
[72] NARASIMHAN, KAMESHWARAN, US
[73] SENVION GMBH, DE
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[25] EN
[54] **IMPLANTABLE VESTIBULAR PROSTHESIS**
[54] **PROTHESE VESTIBULAIRE IMPLANTABLE**
[72] DELLA SANTINA, CHARLES COLEMAN, US
[72] FRIDMAN, GENE YEVGENY, US
[72] CHIANG, BRYCE, US
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **PROCEDE ET DISPOSITIF POUR INTRODUIRE UN TUBE POUR DES CABLES OPTIQUES DANS UN FONDEMENT D'INSTALLATION FIXE**
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[73] PICHLER, JAN MICHAEL, AT
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[54] **PROCEDE ET DISPOSITIF D'ASSISTANCE A L'AFFICHAGE DE CONTENU**
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[72] FROEJDH, PER, SE
[72] LOHMAR, THORSTEN, DE
[72] WU, ZHUANGFEI, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **COMBINED SENSOR AND INFUSION SETS**
[54] **ENSEMBLES DE CAPTEUR ET DISPOSITIF DE PERFUSION COMBINES**
[72] VOSKANYAN, GAYANE, US
[72] WOLFE, KATHERINE T., US
[72] SHAH, RAJIV, US
[72] CHUNG, BRIAN, US
[72] LARSON, ERIC A., US
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[54] **EICOSAPENTAENOIC ACID-PRODUCING MICROORGANISMS, FATTY ACID COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF**
[54] **MICRO-ORGANISMES PRODUISANT DE L'ACIDE EICOSAPENTAENOIQUE, COMPOSITIONS D'ACIDES GRAS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] APT, KIRK E., US
[72] BEHRENS, PAUL WARREN, US
[72] HANSEN, JON MILTON, US
[72] PFEIFER, JOSEPH W., III, US
[72] STAHL, TRACEY LYNN, US
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[54] **INTEGRATED SILICON CIRCUIT COMPRISING A PHYSICALLY NON-REPRODUCIBLE FUNCTION, AND METHOD AND SYSTEM FOR TESTING SUCH A CIRCUIT**
[54] **CIRCUIT INTEGRE EN SILICIUM COMPORTANT UNE FONCTION PHYSIQUEMENT NON COPIABLE, PROCEDE ET SYSTEME DE TEST D'UN TEL CIRCUIT**
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[73] INSTITUT TELECOM-TELECOM PARIS TECH, FR
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[54] **APPARATUS AND METHOD FOR SECURING UNDERDRAIN FILTER BLOCK**
[54] **APPAREIL ET PROCEDE D'IMMOBILISATION D'UN BLOC FILTRANT DE DRAINAGE EN SOUBASSEMENT**
[72] BERKEBILE, DEAN T., US
[72] BRUCE, DANIEL E., US
[72] BALL, CHRISTOPHER J., US
[73] XYLEM WATER SOLUTIONS ZELIENOPLE, LLC, US
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[54] **COMPOSITIONS COMPORTANT DES ANTIGENES DE CHLAMYDIA**
[72] BRUNHAM, ROBERT C., CA
[72] FOSTER, LEONARD J., CA
[73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
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[72] BUMELIS, VLADAS ALGIRDAS, LT
[73] DIGNA BIOTECH,S.L., ES
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[54] **SYSTEME DE RECIPIENT D'EAU DE RINCAGE POUR L'EAU DE RINCAGE D'UNE TOILETTE MOBILE**
[72] ZAHIR, TARIQ, DE
[72] WENDT, TOBIAS, DE
[72] BOTH, DETLEV, DE
[73] EVAC GMBH, DE
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[72] CHEW, JOON YIP, MY
[73] JOHNSON & NICHOLSON (M) SDN BHD, MY
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[54] **METHOD AND APPARATUS FOR HANDLING MATERIAL IN A PNEUMATIC PIPE TRANSPORT SYSTEM**
[54] **PROCEDE ET APPAREIL DE MANIPULATION DE MATERIAUX DANS UN SYSTEME DE TRANSPORT A TUYAU PNEUMATIQUE**
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[73] MARICAP OY, FI
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[54] **METHOD AND SYSTEM FOR IMPLEMENTING INTEGRATED VOICE OVER INTERNET PROTOCOL IN A CLOUD-BASED NETWORK**
[54] **PROCEDE ET SYSTEME POUR LA MISE EN OEUVRE D'UN PROTOCOLE DE VOIX SUR IP INTEGRE DANS UN RESEAU BASE SUR L'INFONUAGIQUE**
[72] KHASNABISH, BHUMIP, US
[73] ZTE CORPORATION, CN
[73] ZTE (USA) INC., US
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[54] **ARGININE-CONTAINING COMPOSITIONS AND METHODS FOR TREATING RED BLOOD CELLS**
[54] **COMPOSITIONS CONTENANT DE L'ARGININE ET PROCEDES DE TRAITEMENT DES GLOBULES ROUGES**
[72] ERICSON, DANIEL G., US
[72] THOMPSON, JEFFREY A., US
[73] VIACELL, LLC, US
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[72] HASL, PAUL, CZ
[73] MAGNA EXTERIORS & INTERIORS (BOHEMIA) S.R.O., CZ
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[54] **GAMING SYSTEM, GAMING DEVICE, AND METHOD PROVIDING ADVERTISING MESSAGES TO PLAYERS BASED ON A DETERMINATION OF A POSITIVE WINNING GAMING SESSION**
[54] **SYSTEME DE JEU, APPAREIL DE JEU ET METHODE POUR PRESENTER DES MESSAGES PUBLICITAIRES AUX JOUEURS SELON LA DETERMINATION D'UNE SESSION DE JEU GAGANTE POSITIVE**
[72] THOENI, STEWART, US
[72] GRISWOLD, CHAUNCEY, US
[73] IGT, US
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[54] **ELEMENT DE FIXATION DE TIRANT ANTI-OURAGAN ET PROCEDE D'UTILISATION**
[72] NOTURNO, SAM P., US
[73] TALLMADGE SPINNING & METAL COMPANY, US
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[54] **INTERACTION TRANSPARENTE DE CONTROLE D'APPEL ENTRE SYSTEMES AUTONOMES**
[72] YEUNG, MICHAEL, CA
[72] GRAY, TOM, CA
[73] MITEL NETWORKS CORPORATION, CA
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[54] **DEVICE FOR OPERATING SYNCHRONOUS MOTORS AND ASSOCIATED METHOD**
[54] **DISPOSITIF POUR FAIRE FONCTIONNER DES MOTEURS SYNCHRONES ET PROCEDE CORRESPONDANT**
[72] BENECKE, MARCEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCESS FOR PRODUCING COATED MOLDED BODIES**
[54] **PROCEDE DE FABRICATION DE CORPS DE MOULE MUNIS D'UN REVETEMENT**
[72] SCHMIDT, ARNE, DE
[72] POTH, MARC, DE
[72] GABRIEL, FRANK, DE
[72] MANIS, ANTONIOS, DE
[72] KORALEWSKI, KLAUS, DE
[72] SCHROEBEL, SVEN, DE
[72] EICHLSEDER, MARTIN, DE
[73] EVONIK ROEHM GMBH, DE
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[54] **PROCESS FOR PREPARING AN ALKENE**
[54] **PROCEDE POUR LA PREPARATION D'UN ALCENE**
[72] PARTINGTON, STEPHEN ROY, GB
[73] TECHNIP E&C LIMITED, GB
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[54] **MOUSSE DE POLYURETHANE FLEXIBLE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] NEFF, RAYMOND A., US
[72] SMIECINSKI, THEODORE M., US
[73] BASF SE, DE
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[54] **BURN DIAGNOSTIC AND INTERVENTION TOOL FOR EMERGENCY DISPATCH**
[54] **OUTIL DE DIAGNOSTIC ET D'INTERVENTION EN CAS DE BRULURE POUR UNE REPARTITION D'URGENCE**
[72] CLAWSON, JEFFREY J., US
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[54] **SUTURE PACKAGES PROVIDING UNCONSTRAINED DISPENSING OF SUTURES AND METHODS THEREFOR**
[54] **EMBALLAGES POUR FIL DE SUTURE ASSURANT UNE DISTRIBUTION SANS CONTRAINTE DE FIL DE SUTURES ET PROCEDES ASSOCIES**
[72] CERWIN, ROBERT J., US
[72] MCHUGH KAROW, MEREDITH, US
[72] PARKER, RAYMOND, US
[73] ETHICON, INC., US
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[54] **FERTILIZER COMPOSITION CONTAINING MICRONUTRIENTS AND METHODS OF MAKING SAME**
[54] **COMPOSITION D'ENGRAIS CONTENANT DES MICRONUTRIMENTS ET METHODES DE FABRICATION DE CELLE-CI**
[72] PEACOCK, LAWRENCE ALAN, US
[72] STACEY, SAMUEL, US
[72] MCLAUGHLIN, MICHAEL, US
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[54] **POLYMERES POREUX A SURFACE MODIFIEE POUR CROISSANCE CELLULAIRE AMELIOREE**
[72] BHAGAVATULA, PRASAD L. V., IN
[72] BRITTO, VIRGINIA D., IN
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **FLUID END OF A HIGH PRESSURE PLUNGER PUMP HAVING A GROOVE ADAPTED TO RECEIVE A SPRING RETAINER OF A SUCTION VALVE**
[54] **BOUT FLUIDIQUE D'UNE POMPE A PISTON HAUTE PRESSION AYANT UNE RAINURE ADAPTEE POUR RECEVOIR UN ETRIER DE RESSORT D'UNE SOUPAPE D'ASPIRATION**
[72] CHANDRASEKARAN, ARUN NAHENDRA RAJ, US
[72] DEGGINGER, CHRISTOPHER DOUGLAS, US
[72] HASH, GREGORY DAVID, US
[73] GARDNER DENVER, INC., US
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[54] **APPAREIL POUR LE TRAITEMENT EN PHASE VAPEUR DE DISPOSITIFS OPHTALMIQUES**
[72] ENNS, JOHN B., US
[72] WIDMAN, MICHAEL F., US
[72] WOOD, JOE M., US
[72] POWELL, P. MARK, US
[72] KINDT-LARSEN, TURE, DK
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **MODIFICATEUR DE TANGAGE POUR ATTERRISSAGE EN DOUCEUR**
[72] BUCHHOLZ, ROBERT E., US
[72] EVENS, MONTE R., US
[72] LEE, JONATHAN P., US
[72] OVERTON, TIMOTHY G., US
[72] THOREEN, ADAM M., US
[73] THE BOEING COMPANY, US
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[54] **CAN MANUFACTURE**
[54] **FABRICATION DE RECIPIENTS EN METAL**
[72] MONRO, STUART ALEXANDER, GB
[72] PRESSET, ALAIN, GB
[72] RILEY, JONATHAN, GB
[72] VINCENT, KEITH ALAN, GB
[73] CROWN PACKAGING TECHNOLOGY, INC., US
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[25] EN
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[54] **MOTEURS THERMIQUES AVEC CYCLES EN CASCADE**
[72] HELD, TIMOTHY J., US
[72] VERMEERSCH, MICHAEL L., US
[72] XIE, TAO, US
[72] MILLER, JASON D., US
[73] ECHOGEN POWER SYSTEMS, LLC, US
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[54] **PROCEDE DE PRODUCTION PAR FERMENTATION DE L-ORNITHINE**
[72] CLAES, WILFRIED, DE
[72] GERSTMEIR, ROBERT, DE
[73] EVONIK DEGUSSA GMBH, DE
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREDICTION OF DRUG SENSITIVITY, RESISTANCE, AND DISEASE PROGRESSION**
[54] **COMPOSITIONS ET METHODES DE PREDICTION DE LA SENSIBILITE ET DE LA RESISTANCE A UN MEDICAMENT, ET DE LA PROGRESSION D'UNE MALADIE**
[72] CLARK, DOUGLAS P., US
[72] SCHAYOWITZ, ADAM, US
[72] CABRADILLA, CIRILO, US
[73] BIOMARKER STRATEGIES, LLC, US
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[54] **REACTIFS ET PROCEDES POUR ANALYSES DE PHOSPHORYLATION/DEPHOSPHORYLATION**
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[54] **PREDICTION ET OPTIMISATION DE THERAPIE POUR UNE THERAPIE SANGUINE DE L'INSUFFISANCE RENALE, EN PARTICULIER L'HEMODIALYSE A DOMICILE**
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[72] LEYPOLDT, JOHN KENNETH, US
[72] LO, YING-CHENG, US
[72] AGAR, BARIS UGUR, US
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[73] BAXTER HEALTHCARE S.A., US
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[72] PERSAD, RABINDRANATH, US
[72] VELUSWAMY, SELVAKUMARESAN, US
[72] CARROLL, JEFFREY P., US
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[54] **MODULATEURS DES RECEPTEURS 5-HT ET LEURS METHODES D'UTILISATION**
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[72] DJURIC, STEVAN W., US
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[54] **PROCEDES ET DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT A UN TISSU OCULAIRE A L'AIDE D'UNE MICRO-AIGUILLE**
[72] PRAUSNITZ, MARK R., US
[72] EDELHAUSER, HENRY F., US
[72] PATEL, SAMIRKUMAR RAJNIKANT, US
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[72] BERGER, HORST, DE
[73] DOPPSTADT FAMILIENHOLDING GMBH, DE
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[72] POSCHL, WOLFGANG, AT
[72] WALLINGER, MARTIN, AT
[72] SCHEFBANKER, GERHARD, AT
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[72] BARRETT, PHILIP A., US
[72] KELLY, RICHARD MARTIN, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **APPAREIL ET PROCEDE DE NETTOYAGE DE SURFACE ET DE RECYCLAGE**
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[73] TRIVERUS, LLC, US
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[72] SLOVAK, STEVEN M., US
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[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE L'IVABRADINE**
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[72] GEIER, JENS, DE
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[54] **PRISE DE CONDITIONNEMENT, SON UTILISATION ET PROCEDE DE REMPLISSAGE**
[72] FRENAL, ANTOINE, FR
[72] DECK, PHILIPPE, FR
[72] MANSCOURT, CYRIL, FR
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[54] **PROCEDE POUR REMPLACER UNE BAGUE ANNULAIRE EXTERNE D'UNE TETE D'INJECTION DE FLUIDE ET TETE D'INJECTION DE FLUIDE**
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[72] KARPPI, ASKO, FI
[72] VUORENPALO, VELI-MATTI, FI
[72] ROBERTSEN, LEIF, FI
[72] PARVIAINEN, KARI, FI
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[54] **PROCEDE ET SYSTEME POUR UNE UTILISATION SECURITAIRE DES CARTES A BANDE MAGNETIQUE**
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[54] **PROCEDES D'APPORT D'UN PRODUIT ACTIF DE SOINS DE SANTE PAR L'ADMINISTRATION D'ARTICLES DE SOINS DE SANTE PERSONNELS COMPORTANT UN FILAMENT**
[72] DARCY, TREVOR JOHN, US
[72] GILBERT, STEVEN RAY, US
[72] GORDON, GREGORY CHARLES, US
[72] CHHABRA, RAJEEV, US
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[54] **CATHETERS D'ATHERECTOMIE MUNI DE TIGES DE COMMANDE POUVANT ETRE DEPLACEES LONGITUDINALEMENT**
[72] PATEL, HIMANSHU, US
[72] SIMPSON, JOHN B., US
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[72] SPENCER, MAEGAN, US
[72] ZUNG, MICHAEL, US
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[54] **TRANSDERMAL DRUG DELIVERY SYSTEM CONTAINING DONEPEZIL**
[54] **SYSTEME TRANSDERMIQUE D'ADMINISTRATION DE MEDICAMENT CONTENANT DU DONEPEZIL**
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[72] CHUN, MYUNG-KWAN, KR
[73] NAL PHARMACEUTICAL GROUP LIMITED, HK
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[54] **DISPOSITIF DE PROTECTION ACOUSTIQUE A FIXER A UN CASQUE DE PROTECTION, DESTINE NOTAMMENT A DES OUVRIERS FORESTIERS**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
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[54] **BIOSENSOR APPARATUSES AND METHODS THEREOF**
[54] **APPAREILS DE BIOCAPTAGE ET PROCEDES CORRESPONDANTS**
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[73] NTH TECH CORPORATION, US
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[54] **TIGHTENING UNIT FOR A SUPPORTING BAND OF A PROTECTIVE HELMET, PARTICULARLY FOR FORESTRY WORKERS**
[54] **UNITE DE SERRAGE POUR UNE SANGLE D'UN CASQUE DE PROTECTION DESTINE A DES OUVRIERS FORESTIERS**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
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[54] **ACOUSTIC REFLECTORS**
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[72] TILTMAN, CARL PETER, GB
[72] TULLOCH, ANDREW MALCOLM, GB
[73] SUBSEA ASSET LOCATION TECHNOLOGIES LIMITED, GB
[85] 2013-01-08
[86] 2011-07-11 (PCT/GB2011/051298)
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[30] GB (1015563.8) 2010-09-17
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[30] GB (1015815.2) 2010-09-21
[30] GB (1015952.3) 2010-09-23
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[25] EN
[54] **COMPUTER NETWORKED MULTI-PLAYER CHARACTER GAMING SYSTEM**
[54] **SYSTEME DE JEU A PERSONNAGES MULTIJOUEUR A RESEAU INFORMATIQUE**
[72] OKADA, ATSUSHI, JP
[72] SATO, SEI, JP
[73] SQUARE ENIX CO., LTD., JP
[85] 2013-01-10
[86] 2011-02-08 (PCT/JP2011/052600)
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[54] **SYSTEM AND METHOD FOR NOISE ESTIMATION WITH MUSIC DETECTION**
[54] **SYSTEME ET PROCEDE D'ESTIMATION DE BRUIT AU MOYEN D'UNE DETECTION DE MUSIQUE**
[72] MASON, STEVEN, CA
[72] HETHERINGTON, PHILLIP ALAN, CA
[72] PARANJPE, SHREYAS, CA
[73] 2236008 ONTARIO INC., CA
[86] (2805933)
[87] (2805933)
[22] 2013-02-15
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[25] EN
[54] **METHOD AND INTERNAL APPARATUS FOR DETERMINING FINAL POSITION OF DENTATE SKELETON IN ORTHOGNATHIC SURGERY**
[54] **PROCEDE ET APPAREIL INTERNE POUR DETERMINER LA POSITION FINALE DU SQUELETTE DENTE EN CHIRURGIE ORTHOGNATHE**
[72] POLLEY, JOHN W., US
[72] FIGUEROA, ALVARO A., US
[73] POLLEY, JOHN W., US
[73] FIGUEROA, ALVARO A., US
[85] 2013-01-18
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[25] EN
[54] **POLYOL SYNTHESIS FROM FATTY ACIDS AND OILS**
[54] **SYNTHESE DE POLYOLS A PARTIR D'ACIDES GRAS ET D'HUILES**
[72] CURTIS, JONATHAN, CA
[72] LIU, GUOGUANG, CA
[72] OMONOV, TOLIBJON, CA
[72] KHARRAZ, EREDDAD, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **LOW WATER BIOMASS-DERIVED PYROLYSIS OILS AND PROCESSES FOR PRODUCING THE SAME**
[54] **HUILES DE PYROLYSE DERIVEES DE BIOMASSE A FAIBLE TENEUR EN EAU ET LEURS PROCEDES DE PRODUCTION**
[72] FREY, STANLEY J., US
[72] CLARKE, DOUGLAS A., CA
[73] ENSYN RENEWABLES, INC., US
[85] 2013-01-21
[86] 2011-07-14 (PCT/US2011/044011)
[87] (WO2012/012260)
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[25] FR
[54] **PROCESS FOR CONVERTING LIGNOCELLULOSIC OR CELLULOSE BIOMASS VIA SOLID LEWIS ACID CATALYSTS BASED ON TUNGSTEN OXIDE AND ON A METAL CHOSEN FROM GROUPS 8 TO 11**
[54] **PROCEDE DE TRANSFORMATION DE BIOMASSE LIGNOCELLULOSIQUE OU DE CELLULOSE PAR DES CATALYSEURS ACIDES SOLIDES DE LEWIS A BASE D'OXYDE DE TUNGSTENE ET D'UN METAL CHOISI DANS LES GROUPES 8 A 11**
[72] CHAMBON, FLORA, FR
[72] ESSAYEM, NADINE, FR
[72] RATABOUL, FRANCK, FR
[72] PINEL, CATHERINE, FR
[72] CABIAC, AMANDINE, FR
[72] GUILLON, EMMANUELLE, FR
[73] IFP ENERGIES NOUVELLES, FR
[73] CNRS (CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE), FR
[85] 2013-01-28
[86] 2011-07-19 (PCT/FR2011/000424)
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[51] **Int.Cl. A61M 11/00 (2006.01) A61M 15/00 (2006.01) A61M 16/10 (2006.01) A61M 16/18 (2006.01)**
[25] EN
[54] **NEBULISER FOR VENTILATION MACHINES AND A VENTILATION MACHINE COMPRISING SUCH A NEBULISER**
[54] **NEBULISEUR POUR DES DISPOSITIFS D'ASSISTANCE RESPIRATOIRE ET DISPOSITIF D'ASSISTANCE RESPIRATOIRE MUNI D'UN TEL NEBULISEUR**
[72] GALLEM, THOMAS, DE
[72] HETZER, UWE, DE
[73] PARI PHARMA GMBH, DE
[86] (2808171)
[87] (2808171)
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[54] **BOTTLE**
[54] **BOUTEILLE**
[72] NAKAYAMA, TADAYORI, JP
[72] SAITO, HIROMICHI, JP
[72] IIZUKA, TAKAO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2013-02-25
[86] 2011-09-22 (PCT/JP2011/071572)
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[25] EN
[54] **PHOSPHONATE ESTER DERIVATIVES AND METHODS OF SYNTHESIS THEREOF**
[54] **DERIVES ESTERS PHOSPHONATES ET LEURS PROCEDES DE SYNTHESE**
[72] WARE, ROY W., US
[72] ALMOND, MERRICK R., US
[72] LAMPERT, BERNHARD M., US
[73] CHIMERIX, INC., US
[85] 2013-02-26
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[51] **Int.Cl. A41C 3/14 (2006.01) A41C 3/10 (2006.01) A41C 5/00 (2006.01)**
[25] EN
[54] **X-SHAPED BRASSIERE SUPPORT AND BRASSIERE INCORPORATING THE SAME**
[54] **SUPPORT DE SOUTIEN-GORGE EN FORME DE X ET SOUTIEN-GORGE L'INCORPORANT**
[72] GOODWIN, CLARE, CN
[72] YIP, LOUISE, CN
[73] CLOVER MYSTIQUE CO. LIMITED, CN
[85] 2013-02-28
[86] 2012-03-02 (PCT/CN2012/071841)
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[54] **SHEARING PADDLES IN A DRUM MIXER FOR HIGH SLUMP CONCRETE**
[54] **PALES DE CISAILLEMENT DESTINEES A UN MELANGEUR A TAMBOUR DE BETON AYANT UN AFFAISSEMENT ELEVE**
[72] WALLGREN, MARK E., CA
[73] STEPHENS MANUFACTURING COMPANY INC., US
[86] (2810072)
[87] (2810072)
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[25] EN
[54] **DRILL CUTTINGS CONVEYANCE SYSTEMS**
[54] **SYSTEMES DE TRANSPORT DE RESIDUS DE FORAGE**
[72] BENDER, SHAWN, US
[73] BEITZEL CORPORATION, US
[86] (2810816)
[87] (2810816)
[22] 2013-03-28
[30] US (61/618,872) 2012-04-02
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[51] **Int.Cl. G01L 5/24 (2006.01) G01B 7/30 (2006.01)**
[25] EN
[54] **ASSEMBLY, INTERCALATED BETWEEN A TORQUE TOOL AND A FASTENING ELEMENT, FOR MEASURING TORQUES AND TIGHTENING ANGLES**
[54] **ASSEMBLAGE INTERCALE ENTRE UN OUTIL DYNAMOMETRIQUE ET UN ELEMENT DE FIXATION POUR MESURER DES COUPLES ET DES ANGLES DE SERRAGE**
[72] PROVOST, DAN, CA
[72] HARDER, SHAYNE, CA
[72] JOHNSON, AARON, CA
[72] CHEESMANN, DREW, CA
[73] PROVOST, DAN, CA
[85] 2013-03-22
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[51] **Int.Cl. H01J 49/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RAPIDLY SCREENING SAMPLES BY MASS SPECTROMETRY**
[54] **SYSTEMES ET PROCEDES POUR CRIBLER RAPIDEMENT DES ECHANTILLONS PAR SPECTROMETRIE DE MASSE**
[72] BONNER, RONALD, CA
[72] TATE, STEPHEN A., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2013-03-15
[86] 2011-11-02 (PCT/IB2011/002594)
[87] (WO2012/063108)
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[51] **Int.Cl. F16K 3/04 (2006.01) F16K 3/10 (2006.01)**
[25] EN
[54] **SLEEVE SEAL FOR GATE VALVES**
[54] **JOINT DE MANCHON POUR ROBINETS-VANNES**
[72] NGUYEN, VIET, US
[73] EMERSON VULCAN HOLDING LLC, US
[85] 2013-03-15
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[54] **APPARATUS FOR SECURE POSTAL AND PARCEL RECEIPT AND STORAGE**
[54] **APPAREIL PERMETTANT DE SECURISER LA RECEPTION ET LE STOCKAGE DU COURRIER ET DES COLIS**
[72] COX, BOBBIE, US
[72] KALMAN, JEFFREY, US
[72] SAUNDERS, CRAIG, US
[72] TUFTS, LINDSEY, JR., US
[72] HOSIER, CHUCK, US
[72] STEPHENS, PAUL, US
[73] POSTAL HAWK CORPORATION, US
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[54] **IN VITRO MODEL FOR PRIOCIDAL ACTIVITY**
[54] **MODELE IN VITRO D'ACTIVITE ANTIPRIONS**
[72] ANTLOGA, KATHLEEN M., US
[72] MCDONNELL, GERALD E., US
[73] STERIS INC., US
[86] (2812761)
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[25] EN
[54] **REVERSE AUDIT SYSTEM**
[54] **SYSTEME D'AUDIT INVERSE**
[72] WISER, DANIEL ALLEN, US
[72] RUCKER, SHAWN GLENN, US
[73] LANYON, INC., US
[85] 2013-03-27
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[54] **RAPID DEPLOYMENT AND RETRACTION TELESCOPING MAST SYSTEM**
[54] **SYSTEME DE MAT TELESCOPIQUE A DEPLOIEMENT ET RETRACTION RAPIDES**
[72] WASSON, ANDREW PAUL, US
[72] KARDOHELY, MICHAEL JAMES, US
[73] THE WILL-BURT COMPANY, US
[85] 2013-03-27
[86] 2011-06-14 (PCT/US2011/040294)
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[30] US (61/388,192) 2010-09-30
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[25] EN
[54] **APPARATUS AND METHOD FOR METERING A BULK MATERIAL**
[54] **DISPOSITIF ET PROCEDE DE DOSAGE D'UN PRODUIT EN VRAC**
[72] KLEINER, ANDREAS, CH
[72] HAID, RENE, CH
[73] BUEHLER AG, CH
[85] 2013-03-28
[86] 2011-09-30 (PCT/EP2011/067151)
[87] (WO2012/042034)
[30] EP (10186017.9) 2010-10-01

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[25] EN
[54] **A METHOD OF PRESERVING GROWTH FACTORS DERIVED FROM PLATELETS**
[54] **UNE METHODE DE PRESERVATION DES FACTEURS DE CROISSANCE DERIVES DES PLAQUETTES**
[72] CHAN, KIN YIP, CN
[72] TAM, WING MAN, CN
[73] INFINITY DEVELOPMENT LIMITED, CN
[86] (2814180)
[87] (2814180)
[22] 2013-04-26
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[25] EN
[54] **REDUCED-PRESSURE SYSTEMS, DEVICES, AND METHODS FOR TREATING A TISSUE SITE THAT INCLUDES A FISTULA**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES A PRESSION REDUITE POUR TRAITEMENT DE SITE DE TISSU QUI COMPREND UNE FISTULE**
[72] HALL, COLIN JOHN, GB
[72] MORMINO, RICHARD PAUL, US
[73] KCI LICENSING, INC., US
[85] 2013-04-10
[86] 2011-10-06 (PCT/US2011/055125)
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[25] EN
[54] **YEAST-DERIVED FEED ADDITIVE**
[54] **ADDITIF ALIMENTAIRE ISSU DE LEVURES**
[72] ROMARHEIM, ODD HELGE, NO
[72] OVERLAND, MARGARETH, NO
[72] MYDLAND, LIV TORUNN, NO
[72] SKREDE, ANDERS, NO
[72] LANDSVERK, THOR, NO
[73] BORREGAARD AS, NO
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[86] 2011-10-12 (PCT/GB2011/051974)
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[25] EN
[54] **FAIL SAFE LOCKING OVERSHOT DEVICE**
[54] **DISPOSITIF DE TYPE CLOCHE DE REPECHAGE A VERROUILLAGE A SECURITE INTRINSEQUE**
[72] SALVADOR, PATRICK, CA
[72] LAMBERT, PAUL, CA
[73] EPIROC CANADA INC., CA
[85] 2013-04-17
[86] 2011-11-22 (PCT/CA2011/001288)
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[30] CA (PCT/CA10/001877) 2010-11-22

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[51] **Int.Cl. B22F 5/12 (2006.01) B32B 1/08 (2006.01) C10G 9/16 (2006.01) F16L 9/02 (2006.01) F28F 19/06 (2006.01) F28F 21/08 (2006.01)**
[25] EN
[54] **ALUMINA FORMING BIMETALLIC TUBE AND METHOD OF MAKING AND USING**
[54] **TUBE BIMETALLIQUE FORME A PARTIR D'UN ALLIAGE ALUMINOFORMEUR ET PROCEDE DE FABRICATION ET D'UTILISATION ASSOCIE**
[72] CHUN, CHANGMIN, US
[72] DEUTSCH, D. SAMUEL, US
[72] FEATHER, JAMES E., US
[72] JONES, JEFFREY P., US
[72] SPICER, DAVID B., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-04-19
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[30] US (61/405,407) 2010-10-21

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[25] EN
[54] **MERCHANDISER WITH MERGED AIR DISCHARGE**
[54] **PRESENTOIR GEANT A EVACUATION D'AIR REUNIE**
[72] ANDERSON, TIMOTHY D., US
[72] NGUYEN, KEN, US
[72] LAURENTIUS, PAUL R., US
[73] HUSSMANN CORPORATION, US
[86] (2816098)
[87] (2816098)
[22] 2013-05-23
[30] US (13/794,946) 2013-03-12

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[51] **Int.Cl. C10G 45/04 (2006.01) B01J 29/08 (2006.01) B01J 29/10 (2006.01) B01J 29/12 (2006.01) B01J 29/14 (2006.01) B01J 29/16 (2006.01) B01J 37/00 (2006.01) C01B 39/02 (2006.01) C10G 47/16 (2006.01) C10G 49/08 (2006.01)**
[25] FR
[54] **PROCESS FOR PREPARING AN INDUSTRIAL HYDROCONVERSION CATALYST, CATALYST THUS OBTAINED AND USE THEREOF IN A HYDROCONVERSION PROCESS**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR INDUSTRIEL D'HYDROCONVERSION, CATALYSEUR AINSI OBTENU ET SON UTILISATION DANS UN PROCEDE D'HYDROCONVERSION**
[72] VAN DONK, SANDER, FR
[72] DANILINA, NADIYA, BE
[72] MINOUX, DELPHINE, BE
[72] BULUT, METIN, BE
[73] TOTAL RAFFINAGE FRANCE, FR
[85] 2013-05-01
[86] 2011-06-10 (PCT/EP2011/059659)
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[54] **OVERHEAD ROBOT SYSTEM AND A METHOD FOR ITS OPERATION**
[54] **SYSTEME DE ROBOT SUSPENDU ET SON PROCEDE DE FONCTIONNEMENT**
[72] HONKANEN, JARNO, FI
[72] MIIKKULAINEN, KARI, FI
[73] CIMCORP OY, FI
[85] 2013-05-07
[86] 2012-03-12 (PCT/FI2012/050235)
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[51] **Int.Cl. E21B 7/20 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DIVERTING SYSTEM AND METHOD OF RUNNING A TUBULAR**
[54] **SYSTEME DE DEVIATION ET METHODE DE DESCENTE D'UN TUBE**
[72] CARMODY, MICHAEL A., US
[72] JOHNSON, JOHN J., US
[72] PENDLETON, BRYAN P., US
[72] ROACH, JOHN P., US
[72] SHEEHAN, JOSEPH, US
[72] SPONCHIA, BARTON, US
[72] ZWEIFEL, THOMAS J., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2818049)
[87] (2818049)
[22] 2010-12-10
[62] 2,725,024
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[51] **Int.Cl. A61B 17/221 (2006.01) A61F 2/90 (2013.01)**
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[54] **THROMBECTOMY DEVICE**
[54] **DISPOSITIF DE THROMBECTOMIE**
[72] MONSTADT, HERMANN, DE
[72] HANNES, RALF, DE
[72] ASCHERFELD, JORG, DE
[73] PHENOX GMBH, DE
[85] 2013-05-16
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[87] (WO2012/065748)
[30] DE (10 2010 051 740.2) 2010-11-19

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[51] **Int.Cl. B02C 4/30 (2006.01)**
[25] EN
[54] **GRINDING ROLLER OF A ROLLER MILL**
[54] **CYLINDRE BROYEUR D'UN BROYEUR A CYLINDRE**
[72] MARTENS, RALF, DE
[72] PINGEL, HERBERT, DE
[73] THYSSENKRUPP POLYSIUS AG, DE
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[25] FR
[54] **FIBROUS STRUCTURE FOR A PART MADE OF COMPOSITE MATERIAL HAVING ONE OR MORE ARCH-SHAPED PORTIONS**
[54] **STRUCTURE FIBREUSE POUR PIECE EN MATERIAU COMPOSITE AYANT UNE OU PLUSIEURS PARTIES EN FORME D'ARCHE**
[72] GODON, THIERRY, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[73] SNECMA, FR
[85] 2013-06-06
[86] 2011-12-05 (PCT/FR2011/052868)
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[54] **WOUND BARRIER PAD**
[54] **TAMPON ISOLANT POUR PLAIE**
[72] ANTALEK, MATTHEW D., US
[73] ANTALEK, MATTHEW D., US
[86] (2820504)
[87] (2820504)
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[25] EN
[54] **ADHESIVE STRENGTH ENHANCERS FOR CEMENTITIOUS COMPOSITIONS**
[54] **PRODUITS D'AMELIORATION DE FORCE ADHESIVE POUR DES COMPOSITIONS CIMENTAIRES**
[72] KRAETSCHMER, GERALD RICHARD, AT
[72] WILKEN, JORG THOMAS, DE
[73] TROY CORPORATION, US
[85] 2013-06-06
[86] 2012-02-09 (PCT/US2012/024490)
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[25] EN
[54] **OPTICALLY ACTIVE DIAZABICYCLOOCTANE DERIVATIVE AND PROCESS FOR PREPARING THE SAME**
[54] **DERIVE DE DIAZABICYCLOOCTANE OPTIQUEMENT ACTIF ET SON PROCEDE DE PREPARATION**
[72] ABE, TAKAO, JP
[72] OKUE, MASAYUKI, JP
[72] SAKAMAKI, YOSHIAKI, JP
[73] MEIJI SEIKA PHARMA CO., LTD., JP
[85] 2013-06-21
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[25] EN
[54] **PROCESS FOR WATER BASED MINERAL MATERIAL SLURRY SURFACE WHITENING**
[54] **PROCEDE DE BLANCHIMENT SUPERFICIEL A BASE D'UNE SUSPENSION AQUEUSE DE SUBSTANCES MINERALES**
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[72] PUDACK, CLAUDIA, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-06-25
[86] 2011-12-22 (PCT/EP2011/073801)
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[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF DISPLAYING INFORMATION IN RESPONSE TO A GESTURE**
[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE D'AFFICHAGE D'INFORMATIONS EN REPONSE A UN GESTE**
[72] LESSING, ROBERT SIMON, SE
[72] LANGLOIS, MICHAEL GEORGE, CA
[72] RYDENHAG, DANIEL TOBIAS, SE
[72] BENEDEK, JOSEPH EYTAN, CA
[72] LAZARIDIS, MIHAL, CA
[72] ANDERSSONREIMER, NILS ROGER, SE
[72] LINDSAY, DONALD JAMES, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-28
[86] 2012-02-24 (PCT/US2012/026656)
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[30] US (13/036,186) 2011-02-28
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[25] EN
[54] **BEVERAGE PRODUCTION SYSTEM AND CAPSULE WITH FORCE RING**
[54] **SYSTEME DE PRODUCTION DE BOISSON ET CAPSULE DOTEE D'UN ANNEAU DE FORCE**
[72] ABEGGLEN, DANIEL, CH
[72] PERENTES, ALEXANDRE, CH
[72] MAGRI, CARLO, CH
[72] GERBAULET, ARNAUD, FR
[73] NESTEC S.A., CH
[85] 2013-07-10
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[54] **PATHOLOGY SLIDE SCANNER**
[54] **DISPOSITIF DE BALAYAGE DE LAME D'ANATOMOPATHOLOGIE**
[72] DIXON, ARTHUR EDWARD, CA
[73] HURON TECHNOLOGIES INTERNATIONAL INC., CA
[85] 2013-06-25
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[25] EN
[54] **PADLOCK FOR SECURING AND MONITORING A SWITCH**
[54] **CADENAS SERVANT A PROTEGER ET A SURVEILLER UN COMMUTATEUR**
[72] GARTHE, BERNHARD, DE
[73] ABUS AUGUST BREMICKER SOHNE KG, DE
[85] 2013-07-12
[86] 2012-01-19 (PCT/EP2012/000238)
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[30] DE (10 2011 009 011.8) 2011-01-20

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[51] **Int.Cl. G01T 1/02 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **EVENT DOSIMETER DEVICE AND METHODS THEREOF**
[54] **DISPOSITIF DE DOSIMETRIE D'EVENEMENT ET PROCEDES CORRESPONDANTS**
[72] BORKHOLDER, DAVID A., US
[72] KOVACS, GREGORY T. A., US
[72] ROGERS, JEFFREY, US
[73] ROCHESTER INSTITUTE OF TECHNOLOGY, US
[85] 2013-07-15
[86] 2012-02-24 (PCT/US2012/026627)
[87] (WO2012/116333)
[30] US (61/446,382) 2011-02-24
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[51] **Int.Cl. B61H 13/02 (2006.01) B60T 7/08 (2006.01) G01L 5/06 (2006.01)**
[25] EN
[54] **RAILROAD HANDBRAKE CHAIN TENSION CONDITION SENSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DETECTION D'UNE CONDITION DE TENSION DE CHAINE DE FREIN A MAIN POUR VEHICULE FERROVIAIRE**
[72] GREGAR, PETER, US
[72] MARLOW, JONATHON, US
[73] WABTEC HOLDING CORP., US
[85] 2013-07-22
[86] 2012-02-09 (PCT/US2012/024460)
[87] (WO2012/112375)
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[25] EN
[54] **PORTABLE GAS POWERED INTERNAL COMBUSTION ENGINE ARRANGEMENT**
[54] **AGENCEMENT PORTATIF DE MOTEUR A COMBUSTION INTERNE A GAZ**
[72] HERZER, BERNARDO, US
[73] HERZER, BERNARDO, US
[85] 2013-07-23
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[25] EN
[54] **SCAFFOLD SYSTEM AND METHOD**
[54] **SYSTEME D'ECHAFAUDAGE ET PROCEDE ASSOCIE**
[72] THACKER, STEVE HOWARD, US
[73] NEXT GENERATION SCAFFOLD SERVICES, INC., US
[85] 2013-07-26
[86] 2011-01-26 (PCT/US2011/022629)
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[30] US (61/337,156) 2010-01-26
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[51] **Int.Cl. E21B 10/32 (2006.01) E21B 7/28 (2006.01)**
[25] EN
[54] **ADJUSTABLE BODY SUPPORTED CUTTER ARMS FOR UNDERREAMER**
[54] **BRAS COUPEURS POUR ELARGISSEUR REGLABLES ET SUPPORTES SUR CORPS**
[72] RIVES, ALLEN KENT, US
[73] TIGER 19 PARTNERS, LTD., US
[85] 2013-07-30
[86] 2011-02-24 (PCT/US2011/025982)
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[25] EN
[54] **PRECAST WALL PANELS AND METHOD OF ERECTING A HIGH-RISE BUILDING USING THE PANELS**
[54] **PANNEAUX DE FACADE PREFABRIQUES ET PROCEDE PERMETTANT D'ERIGER UN IMMEUBLE DE GRANDE HAUTEUR AU MOYEN DE CES PANNEAUX**
[72] CARRION, JUAN, EC
[72] BAKER, WILLIAM F., US
[72] CAVANAGH, JOHN A., US
[72] STEWART, ROBERT C., US
[72] MACDONALD, JAMES E., US
[72] BESJAK, CHARLES, US
[73] SKIDMORE OWINGS & MERRILL LLP, US
[73] NEWCO VENTURES LLC, US
[85] 2013-07-30
[86] 2012-02-08 (PCT/US2012/024219)
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[25] EN
[54] **NOISE AND VIBRATION MITIGATION SYSTEM FOR NUCLEAR REACTORS EMPLOYING AN ACOUSTIC SIDE BRANCH RESONATOR**
[54] **SYSTEME D'ATTENUATION DU BRUIT ET DES VIBRATIONS POUR REACTEURS NUCLEAIRES, UTILISANT UN RESONATEUR ACOUSTIQUE EN DERIVATION**
[72] LONGONI, GIANLUCA, US
[72] MUNSI, YOUNUS, US
[72] THEURET, ROBERT C., US
[72] FORSYTH, DAVID R., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2013-08-08
[86] 2011-03-02 (PCT/US2011/026771)
[87] (WO2012/112169)
[30] US (13/027,322) 2011-02-15

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[51] **Int.Cl. H04N 5/00 (2011.01) H04N 21/00 (2011.01)**
[25] EN
[54] **MATRIX CODE FOR USE IN VERIFICATION OF DATA CARD SWAP**
[54] **CODE MATRICIEL A UTILISER LORS DE LA VERIFICATION DE LA PERMUTATION DE CARTES DE DONNEES**
[72] ANGUIANO, JASON, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-08-12
[86] 2012-02-14 (PCT/US2012/024956)
[87] (WO2012/112478)
[30] US (13/031,115) 2011-02-18

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[51] **Int.Cl. A41C 3/00 (2006.01) A61N 5/10 (2006.01)**
[25] EN
[54] **RADIATION TREATMENT BRASSIERE**
[54] **SOUTIEN-GORGE DE TRAITEMENT PAR RAYONNEMENT**
[72] THOMPSON, ELIZABETH CHABNER, US
[73] THOMPSON, ELIZABETH CHABNER, US
[85] 2013-08-16
[86] 2012-02-15 (PCT/US2012/025221)
[87] (WO2012/115834)
[30] US (61/446,278) 2011-02-24
[30] US (13/183,139) 2011-07-14
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[51] **Int.Cl. A01F 25/16 (2006.01) A01F 25/18 (2006.01) A01F 25/20 (2006.01)**
[25] EN
[54] **GRANULAR MATERIAL STORAGE WITH INPUT AND OUTPUT**
[54] **STOCKAGE DE MATERIAU GRANULAIRE AVEC ENTREE ET SORTIE**
[72] HERMAN, ALVIN, CA
[72] HERMAN, ERIN, CA
[73] QUICKTHREE SOLUTIONS INC., CA
[86] (2830145)
[87] (2830145)
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[51] **Int.Cl. B03C 3/45 (2006.01) A61L 9/16 (2006.01) B01D 49/00 (2006.01) B03C 3/16 (2006.01) B03C 3/47 (2006.01) C08J 5/04 (2006.01) C08K 7/06 (2006.01)**
[25] EN
[54] **CONDUCTIVE COMPOSITE MATERIAL FOR WESP**
[54] **ELECTRODE DE COLLECTE EN MATERIAU COMPOSITE CONDUCTEUR RESISTANT A L'EROSION POUR DEPOUSSIEREUR ELECTRIQUE HUMIDE (WESP)**
[72] MCGRATH, PAUL, CA
[73] MEGTEC TURBOSONIC INC., CA
[85] 2013-09-24
[86] 2012-03-28 (PCT/CA2012/000277)
[87] (WO2012/129656)
[30] US (61/468,199) 2011-03-28

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[25] EN
[54] **OPTICAL FIBER CABLE DROP INTERFACE BOX**
[54] **BOITIER D'INTERFACE DE BRANCHEMENT DE CABLE A FIBRES OPTIQUES**
[72] LARSSON, NICHOLAS B., US
[72] SWIENTON, ANDREW E., US
[72] WAKILEH, GEORGE I., US
[73] COMMUNICATIONS SYSTEMS, INC., US
[85] 2013-10-03
[86] 2012-04-05 (PCT/US2012/032320)
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[30] US (61/472,008) 2011-04-05

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[51] **Int.Cl. F16B 37/04 (2006.01)**
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[54] **CAGE NUT HAVING A RETAINING DEVICE AND METHOD FOR PRODUCING SAME**
[54] **ECROU DE CAGE POURVU D'UN DISPOSITIF DE RETENUE ET SON PROCEDE DE FABRICATION**
[72] ENDT, THOMAS, DE
[72] KRAUSS, RAINER, DE
[72] OBERNDORFER, SIEGFRIED, DE
[72] NEUHAUSER, STEFAN, DE
[73] NEDSCHROEF SCHROZBERG GMBH, DE
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[86] 2011-12-16 (PCT/EP2011/006378)
[87] (WO2012/084163)
[30] DE (10 2010 055 554.1) 2010-12-23

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[51] **Int.Cl. C04B 35/18 (2006.01)**
[25] EN
[54] **A METHOD OF FORMING CERAMIC ARTICLES FROM RECYCLED ALUMINOSILICATES**
[54] **PROCEDE DE FORMATION D'ARTICLES EN CERAMIQUE A PARTIR D'ALUMINOSILICATES RECYCLES**
[72] KOSZO, SANDOR, CN
[73] VECOR IP HOLDINGS LIMITED, CN
[85] 2013-10-10
[86] 2011-04-20 (PCT/CN2011/073046)
[87] (WO2012/142752)

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[51] **Int.Cl. B01D 35/06 (2006.01)**
[25] EN
[54] **MAGNETIC FILTER FOR A FLUID PORT**
[54] **FILTRE MAGNETIQUE POUR UN ORIFICE DE FLUIDE**
[72] MARCHAND, ROGER L., CA
[72] TSCHETTER, DOUGLAS J., CA
[73] BAY6 SOLUTIONS INC., CA
[86] (2834748)
[87] (2834748)
[22] 2013-11-26
[30] US (61/730,180) 2012-11-27

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[13] C
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 31/4545 (2006.01) A61P 25/00 (2006.01) A61P 25/26 (2006.01) C07D 211/34 (2006.01)**
[25] EN
[54] **METHYLPHENIDATE-PRODRUGS, PROCESSES OF MAKING AND USING THE SAME**
[54] **PROMEDICAMENTS METHYLPHENIDATES, PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] GUENTHER, SVEN, US
[72] CHI, GUOCHEN, US
[72] BERA, BINDU, US
[72] MICKLE, TRAVIS, US
[72] BERA, SANJIB, US
[73] KEMPHARM INC., US
[85] 2013-11-28
[86] 2012-07-27 (PCT/US2012/048641)
[87] (WO2013/016668)
[30] US (61/512,658) 2011-07-28

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[25] EN
[54] **DIMERIC BINDING PROTEINS BASED ON MODIFIED UBIQUITINS**
[54] **PROTEINES LIANTES DIMERES OBTENUES A PARTIR D'UBIQUITINES MODIFIEES**
[72] NERKAMP, JOERG, DE
[72] BOSSE-DOENECKE, EVA, DE
[72] STEUERNAGEL, ARND, DE
[72] FIEDLER, ULRIKE, DE
[72] FIEDLER, MARKUS, DE
[73] NAVIGO PROTEINS GMBH, DE
[85] 2013-11-29
[86] 2012-06-15 (PCT/EP2012/061455)
[87] (WO2012/172055)
[30] EP (11170054.8) 2011-06-15

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[51] **Int.Cl. E02B 5/08 (2006.01) B01D 29/64 (2006.01) E03F 5/14 (2006.01)**
[25] EN
[54] **RACK AND PINION DRIVE FOR TRASH RAKE**
[54] **ENTRAINEMENT A CREMAILLERE POUR DEGRILLEUR AUTOMATIQUE**
[72] REISS, THOMAS J., JR., US
[73] HYDRO COMPONENT SYSTEMS, LLC, US
[85] 2013-12-03
[86] 2012-07-12 (PCT/US2012/046350)
[87] (WO2013/012647)
[30] US (61/508,728) 2011-07-18
[30] US (13/546,783) 2012-07-11

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[25] EN
[54] **RAILCAR DRAFT GEAR ASSEMBLY AND RELATED METHOD FOR ASSEMBLING A RAILCAR DRAFT GEAR**
[54] **ENSEMBLE APPAREIL DE TRACTION POUR WAGON PORTE-RAILS ET PROCEDE CONNEXE POUR ASSEMBLER UN TEL APPAREIL**
[72] WILT, DONALD E., US
[73] MINER ENTERPRISES, INC., US
[86] (2838144)
[87] (2838144)
[22] 2013-12-27
[30] US (13/746,547) 2013-01-22

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[51] **Int.Cl. A63G 31/00 (2006.01) A63G 21/02 (2006.01) A63G 21/12 (2006.01) A63G 21/18 (2006.01)**
[25] EN
[54] **MOTION CONTROL SYSTEM AND METHOD FOR AN AMUSEMENT RIDE**
[54] **SYSTEME DE CONTROLE DE MOUVEMENT ET PROCEDE POUR UNE ATTRACTION**
[72] HUNTER, RICHARD D., CA
[72] SMEGAL, RAYMOND T., CA
[73] HM ATTRACTIONS INC., CA
[85] 2013-12-23
[86] 2012-06-29 (PCT/CA2012/050443)
[87] (WO2013/000090)
[30] US (61/503,185) 2011-06-30

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[13] C
[51] **Int.Cl. F15B 21/00 (2006.01) F15B 19/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING A TYPE OF HYDRAULIC DEVICE**
[54] **SYSTEMES ET PROCEDES POUR DETECTER UN TYPE DE DISPOSITIF HYDRAULIQUE**
[72] RENNER, ROSS NEAL, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2841233)
[87] (2841233)
[22] 2014-01-29
[30] US (13/867,465) 2013-04-22

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[51] **Int.Cl. C07B 41/00 (2006.01) C07C 51/34 (2006.01) C07C 53/126 (2006.01) C07C 55/02 (2006.01) C07C 55/10 (2006.01) C07C 55/14 (2006.01) C07C 55/18 (2006.01) C07C 55/20 (2006.01) C07C 55/21 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR AN OZONE ABSORBER COLUMN**
[54] **SYSTEME DE SECURITE POUR COLONNE D'ABSORPTION A OZONE**
[72] WALKER, THOMAS CHAD, US
[73] EMERY OLEOCHEMICALS LLC, US
[85] 2014-01-14
[86] 2012-01-26 (PCT/US2012/022699)
[87] (WO2012/103317)
[30] US (61/437,583) 2011-01-28

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[13] C
[51] **Int.Cl. A61K 8/9794 (2017.01) A61K 8/36 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **BOTANICAL ANTIOXIDANT COMPOSITIONS AND METHODS OF PREPARATION AND USE THEREOF**
[54] **COMPOSITIONS VEGETALES ANTIOXYDANTES ET LEURS METHODES DE PREPARATION ET D'UTILISATION**
[72] LEWIS, JOSEPH ABERNATHY, II, US
[72] DINARDO, JOSEPH C., US
[73] PCR TECHNOLOGY HOLDINGS, LC, US
[85] 2014-01-23
[86] 2012-07-23 (PCT/US2012/047790)
[87] (WO2013/016257)
[30] US (61/511,382) 2011-07-25

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[13] C
[51] **Int.Cl. C12P 7/40 (2006.01) C07C 213/00 (2006.01) C07C 231/02 (2006.01) C07D 223/16 (2006.01)**
[25] FR
[54] **ENZYMATIC SYNTHESIS METHOD FOR (7S) 3,4-DIMETHOXYBICYCLO[4.2.0]OCTA-1,3,5-TRIENE 7-CARBOXYLIC ACID AND USE FOR THE SYNTHESIS OF IVABRADINE AND ITS SALTS**
[54] **PROCEDE DE SYNTHESE ENZYMATIQUE DE L'ACIDE (7S) 3,4-DIMETHOXYBICYCLO[4.2.0]OCTA-1,3,5-TRIENE 7-CARBOXYLIQUE ET APPLICATION A LA SYNTHESE DE L'IVABRADINE ET DE SES SELS**
[72] PEDRAGOSA MOREAU, SANDRINE, FR
[72] LEFOULON, FRANCOIS, FR
[73] LES LABORATOIRES SERVIER, FR
[86] (2843985)
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[54] **COOLER LOCK**
[54] **VERROU POUR GLACIERE**
[72] DENISON, WILLIAM, US
[72] ROATIS, CALIN, US
[73] DENISON, WILLIAM, US
[73] ROATIS, CALIN, US
[86] (2844382)
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[25] EN
[54] **METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR DISPLAYING ITEMS ON MULTIPLE FLOORS IN MULTI-LEVEL MAPS**
[54] **PROCEDE, APPAREIL ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR AFFICHER DES OBJETS SUR DE MULTIPLES ETAGES DANS DES CARTES MULTI-NIVEAUX**
[72] KUO, CYNTHIA, US
[72] SNELLMAN, CARL, US
[72] MIKELSONS, PETER, US
[72] KHADILKAR, AMOL, US
[72] TRACTON, KENNETH, US
[72] KAIRALA, VILLE, US
[73] NOKIA TECHNOLOGIES OY, FI
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[25] EN
[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS SPINAL FUSION**
[54] **SYSTEMES ET PROCEDES DE FUSION SPINALE PERCUTANEE**
[72] STEIN, JOSHUA, US
[72] SHARIFI-MEHR, AMIR ALI, US
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
[86] (2846149)
[87] (2846149)
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[25] EN
[54] **METHODS AND APPARATUS FOR INSERTION OF INTERVERTEBRAL IMPLANTS AND DEVICES THEREFOR**
[54] **PROCEDES ET APPAREIL DESTINES A L'INSERTION D'IMPLANTS INTERVERTEBRAUX ET DE DISPOSITIFS AFFERENTS**
[72] FREY, GEORGE A., US
[73] FREY, GEORGE A., US
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[54] **PEELING DEVICE**
[54] **DISPOSITIF DE RETRAIT**
[72] ROSENBERG, MAIK, DE
[73] AQUATHERM BESITZGESELLSCHAFT MBH & CO. KG, DE
[86] (2847124)
[87] (2847124)
[22] 2014-03-24
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[25] EN
[54] **SKIN CARE DEVICE HAVING FUNCTION FOR MOVING VERTICALLY**
[54] **DISPOSITIF POUR SOIN DE LA PEAU AYANT UNE FONCTION DE DEPLACEMENT VERTICAL**
[72] PARK, WOORAM, KR
[72] CHOI, JUNGSUN, KR
[72] KIM, JOOHO, KR
[72] HWANG, YOONKYUN, KR
[72] SHIM, JONGWON, KR
[72] KIM, JUNOH, KR
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[54] **SEISMIC IMAGING SYSTEMS AND METHODS EMPLOYING CORRELATION-BASED STACKING**
[54] **SYSTEMES D'IMAGERIE SISMIQUE ET PROCEDES EMPLOYANT UN EMPILEMENT BASE SUR UNE CORRELATION**
[72] COMPTON, STEFAN M., US
[72] STORK, CHRISTOF, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **TRAIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE TRAIN**
[72] TSUKAMOTO, YASUSHI, JP
[73] THE NIPPON SIGNAL CO., LTD., JP
[85] 2014-03-27
[86] 2012-09-21 (PCT/JP2012/074286)
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[54] **IMPROVED METHOD FOR MANUFACTURE OF MACROBEADS**
[54] **PROCEDE AMELIORE PERMETTANT DE FABRIQUER DES MACROBILLES**
[72] GAZDA, LAWRENCE, US
[72] LARAMORE, MELISSA, US
[72] HAMILTON, TIMOTHY, US
[72] SMITH, BARRY, US
[73] THE ROGOSIN INSTITUTE, US
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[54] **METHOD FOR TESTING A GAS SENSOR**
[54] **PROCEDE PERMETTANT DE TESTER UN CAPTEUR DE GAZ**
[72] SCHEFFLER, TOWNER BENNETT, US
[72] MARTIN, GREGORY L., US
[72] BROWN, MICHAEL ALVIN, US
[73] MSA TECHNOLOGY, LLC, US
[85] 2014-04-10
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[54] **SYSTEM, SERVER, AND CONTROL METHOD FOR RENDERING AN OBJECT ON A SCREEN**
[54] **SYSTEME, SERVEUR ET METHODE DE CONTROLE DU RENDU D'UN OBJET SUR UN ECRAN**
[72] IWASAKI, TETSUJI, CA
[73] SQUARE ENIX HOLDINGS CO., LTD., JP
[85] 2014-04-23
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[25] EN
[54] **TOGGLE LATCH FOR SEQUENTIALLY EXTENDED MECHANICAL MAST**
[54] **VERROU A BASCULEMENT POUR MAT MECANIQUE ETENDU EN SEQUENCE**
[72] DYKES, NEIL DAVID, GB
[72] BLACKWELDER, PAUL B., US
[72] KWARTLER, ANATOL, US
[72] MAST, REXFORD R., US
[72] WASSON, ANDREW PAUL, US
[72] KARDOHELY, MICHAEL JAMES, US
[72] JACOBS, DOUGLAS A., US
[73] THE WILL-BURT COMPANY, US
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[54] **ARYL UREA DERIVATIVES AS N-FORMYL PEPTIDE RECEPTOR LIKE-1 (FPRL-1) RECEPTOR MODULATORS**
[54] **DERIVES D'ARYLUREE A TITRE DE MODULATEURS DU RECEPTEUR DE TYPE 1 DU PEPTIDE N-FORMYLE (FPRL-1)**
[72] BEARD, RICHARD L., US
[72] DUONG, TIEN T., US
[72] DONELLO, JOHN E., US
[72] VISWANATH, VEENA, US
[72] GARST, MICHAEL E., US
[73] ALLERGAN, INC., US
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[54] **DIFFERENTIATING BOOKMARKS IN CONTENT ACCESS LISTS SHARED AMONG MULTIPLE CONTENT PLAYER DEVICES**
[54] **DIFFERENCIATION DE SIGNETS DANS DES LISTES D'ACCES A DES CONTENUS PARTAGEES PAR PLUSIEURS DISPOSITIFS LECTEURS DE CONTENU**
[72] LANGER, PAUL A., US
[72] MINNICK, DAN J., US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **VIDEO CALL SET UP IN AN ESTABLISHED AUDIO CALL**
[54] **INSTITUTION D'UN APPEL VIDEO DANS UN APPEL AUDIO ETABLI**
[72] YIN, JIANQI, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2857174)
[87] (2857174)
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[54] **A METHOD AND APPARATUS FOR ENCODING AND DECODING AN INTRA-PREDICTED IMAGE USING REFERENCE PIXELS LOCATED IN ADJACENT BLOCKS ABOVE AND TO THE LEFT OF THE CURRENT BLOCK**
[54] **UNE METHODE ET UN APPAREIL SERVANT A CODER ET DECODER UNE IMAGE INTRA PREDITE AU MOYEN DE PIXELS DE REFERENCE SITUES DANS LES BLOCS ADJACENTS AU-DESSUS ET A GAUCHE DU BLOC COURANT**
[72] SONG, HAK-SUP, KR
[72] MIN, JUNG-HYE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2857365)
[87] (2857365)
[22] 2010-08-17
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[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING PERFORMANCE OF AN APU FUEL ASSEMBLY**
[54] **PROCEDE ET DISPOSITIF POUR DETECTER LA PERFORMANCE D'UN ENSEMBLE D'ALIMENTATION EN CARBURANT DE GROUPE AUXILIAIRE DE BORD**
[72] HUANG, LEI, CN
[72] GU, ZHUPING, CN
[72] ZHENG, FENGLIANG, CN
[72] MA, HONGTAO, CN
[72] WU, JIAJU, CN
[72] WANG, RONG, CN
[72] CHEN, LEI, CN
[73] AIR CHINA LIMITED, CN
[86] (2857785)
[87] (2857785)
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[54] **APPARATUS AND METHOD FOR TREATING SLURRIES**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE BOUES**
[72] ONSTAD, LORNE DEAN, CA
[72] SIMONEAU, CORDELL, CA
[73] CALX LIMITED, CA
[86] (2857888)
[87] (2857888)
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[54] **APPARATUS, SYSTEMS AND METHODS FOR MODIFYING OPERATING STATES BASED ON MONITORED HDMI CEC COMMUNICATIONS**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR MODIFIER DES ETATS DE FONCTIONNEMENT SUR LA BASE DE COMMUNICATIONS CEC HDMI SURVEILLEES**
[72] RICHARDSON, JON, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **A TUNABLE LASER, A METHOD FOR MAKING, AND A METHOD FOR OPERATING SUCH A LASER**
[54] **LASER ACCORDABLE, PROCEDE DE FABRICATION ET PROCEDE DE FONCTIONNEMENT D'UN TEL LASER**
[72] BISMUTO, ALFREDO, CH
[72] WOLF, JOHANNA, CH
[72] MULLER, ANTOINE, CH
[72] FAIST, JEROME, CH
[73] ALPES LASERS SA, CH
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[87] (2858446)
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[51] **Int.Cl. A01N 39/04 (2006.01) A01N 25/14 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE GRANULE FORMULATION OF 2,4-D SALT AND PREPARATION METHOD THEREOF**
[54] **GRANULE SOLUBLE DANS UNE SOLUTION SALINE DE 2,4-D ET SON PROCEDE DE PREPARATION**
[72] SUN, GUOQING, CN
[72] HOU, YONGSHENG, CN
[72] WU, YONG, CN
[72] XU, LIWEI, CN
[72] CHEN, SHUAI, CN
[73] SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD., CN
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[54] **SYSTEM AND METHOD TO ENABLE A NETWORK OF DIGITAL WALLETS**
[54] **SYSTEME ET PROCEDE POUR ACTIVER UN RESEAU DE PORTEFEUILLES NUMERIQUES**
[72] PASA, MEHMET, US
[72] FRIEDMAN, MICHAEL J., US
[72] NGNOUMEN, NGASSAM, US
[72] MARTIG, CELINE, US
[72] ROSENFIELD, SHOSHANA C., US
[72] SUBRAMANIAN, RUPA, US
[72] MANGARU, ZAVIDA, US
[72] CACIOPPO, JOHN F., US
[72] MOSER, SCOTT, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **DRIVING OF ROTATING CRUSHER ELEMENTS**
[54] **ENTRAINEMENT D'ELEMENTS CONCASSEURS ROTATIFS**
[72] RIKKONEN, KARI, FI
[72] JONKKA, JARI, FI
[72] SALONEN, MARKO, FI
[72] SUTTI, RISTO, FI
[72] KUVAJA, KARI, FI
[72] KUJANSUU, PETRI, FI
[73] METSO MINERALS, INC., FI
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[54] **ADHESIVE COMPOSITIONS AND USE THEREOF**
[54] **COMPOSITIONS ADHESIVES ET UTILISATION DESDITES COMPOSITIONS**
[72] KALWA, NORBERT, DE
[73] SWISS KRONO TEC AG, CH
[85] 2014-07-09
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[54] **EXERCISE MAT**
[54] **TAPIS D'EXERCICE**
[72] LONG, RAYMOND, US
[73] LONG, RAYMOND, US
[85] 2014-07-31
[86] 2013-02-07 (PCT/US2013/025195)
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[25] EN
[54] **EPOXY RESIN FORMULATIONS FOR TEXTILES, MATS AND OTHER FIBROUS REINFORCEMENTS FOR COMPOSITE APPLICATIONS**
[54] **FORMULATIONS DE RESINES EPOXY POUR TEXTILES, MATS ET AUTRES RENFORCEMENTS FIBREUX POUR DES APPLICATIONS COMPOSITES**
[72] DEVELDER, HELGA, BE
[72] LEROY, ALAIN, BE
[72] RIVIERE, JEAN, BE
[72] RUEHLE, ECKARD, DE
[73] HEXION INC., US
[85] 2014-08-01
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[54] **LIGHTWEIGHT GAS PRESSURE REGULATOR**
[54] **REGULATEUR DE PRESSION DE GAZ LEGER**
[72] LAPENA-REY, NIEVES, ES
[72] MARTIN-ALONSO, PEDRO PABLO, ES
[72] CRIADO ABAD, ALFREDO, ES
[72] TRONCOSO-MUNOZ, ENRIQUE, ES
[72] QING, JI, CN
[73] THE BOEING COMPANY, US
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[25] EN
[54] **METHOD OF RE-COMPLETION OF A HORIZONTAL OIL WELL WHERE WATER CONING IS BEING EXPERIENCED AT A HEEL OF THE HORIZONTAL WELL**
[54] **METHODE DE RE-COMPLETION D'UN PUITS DE PETROLE HORIZONTAL OU LA FORMATION D'UN CONE D'EAU EST PRESENTE AU GITE DU PUITS HORIZONTAL**
[72] SIMONS, HORST, CA
[73] SIMONS, HORST, CA
[86] (2866551)
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[25] EN
[54] **ROTOR BRAKE WITH INTEGRATED IMPELLER**
[54] **FREIN DE ROTOR A ROUE INTEGREE**
[72] CONWAY, GARY S., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2867905)
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[25] EN
[54] **PIPERAZINE-PIPERIDINE COMPOUNDS AS HEPATITIS C VIRUS INHIBITORS**
[54] **COMPOSES DE PIPERAZINE-PIPERIDINE EN TANT QU'INHIBITEURS DU VIRUS DE L'HEPATITE C**
[72] LONG, DANIEL D., US
[72] MCKINNELL, ROBERT MURRAY, US
[72] VAN ORDEN, LORI JEAN, US
[72] OGAWA, GAVIN, US
[72] WILTON, DONNA, US
[73] THERAVANCE BIOPHARMA R&D IP, LLC, US
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[54] **METHOD, SYSTEM, AND APPARATUS FOR EXCHANGING DATA BETWEEN CLIENT DEVICES**
[54] **PROCEDE, SYSTEME, ET APPAREIL D'ECHANGE DE DONNEES ENTRE DES DISPOSITIFS CLIENTS**
[72] HUANG, TIEMING, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-10-09
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[25] EN
[54] **PARAMETER UPDATE METHOD FOR ENTROPY CODING AND DECODING OF CONVERSION COEFFICIENT LEVEL, AND ENTROPY CODING DEVICE AND ENTROPY DECODING DEVICE OF CONVERSION COEFFICIENT LEVEL USING SAME**
[54] **PROCEDE DE MISE A JOUR DE PARAMETRE POUR LE CODAGE ET LE DECODAGE ENTROPIQUE D'UN NIVEAU DE COEFFICIENT DE CONVERSION, ET DISPOSITIF DE CODAGE ENTROPIQUE ET DISPOSITIF DE DECODAGEENTROPIQUE D'UN NIVEAU DE COEFFICIENT DE CONVERSION UTILISANT CE PROCEDE**
[72] KIM, CHAN-YUL, KR
[72] KIM, JAE-HYUN, KR
[72] PARK, JEONG-HOON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **CUTTING INSERT AND TOOL HAVING AN ANTI-SLIP ARRANGEMENT**
[54] **PLAQUETTE DE COUPE ET OUTIL POSSEDANT UN DISPOSITIF ANTI-GLISSEMENT**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2014-10-17
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[25] EN
[54] **METHOD FOR PRODUCING BLACK-PLATED STEEL SHEET, AND METHOD FOR PRODUCING MOLDED ARTICLE OF BLACK-PLATED STEEL SHEET**
[54] **PROCEDE DE PRODUCTION DE TOLE D'ACIER PLAQUEE DE NOIR, ET PROCEDE DE PRODUCTION D'UN ARTICLE MOULE EN TOLE D'ACIER PLAQUEE DE NOIR**
[72] NAKANO, TADASHI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TAKETSU, HIROFUMI, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2014-10-22
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[54] **SYSTEM AND METHOD FOR FLEET WHEEL-RAIL LUBRICATION AND NOISE MANAGEMENT**
[54] **SYSTEME ET PROCEDE POUR LA LUBRIFICATION DE ROUES PRESSEES DE PARC ET LA GESTION DE BRUIT**
[72] BOEHNI, KURT A., US
[72] KOFMEHL, ANDRE, CH
[73] IGRALUB NORTH AMERICA, LLC, US
[85] 2014-10-24
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[54] **WALL BLOCK AND WALL BLOCK SYSTEM**
[54] **BLOC POUR MUR ET SYSTEME DE BLOCS POUR MUR**
[72] MACDONALD, ROBERT, US
[73] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[85] 2014-10-30
[86] 2013-04-17 (PCT/US2013/036929)
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[54] **METHOD OF SEPARATION OF HEMICELLULOSE AND CELLULOSE FROM POLYSACCHARIDE SOURCES**
[54] **PROCEDE DE SEPARATION D'HEMICELLULOSE ET DE CELLULOSE A PARTIR DE SOURCES DE POLYSACCHARIDE**
[72] SIXTA, HERBERT, FI
[72] HUMMEL, MICHAEL, FI
[72] IAKOVLEV, MIKHAIL, FI
[72] TOLONEN, LASSE, FI
[73] METSA FIBRE OY, FI
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[54] **METHODS AND SYSTEMS FOR TESTING LOST CIRCULATION MATERIALS**
[54] **PROCEDES ET SYSTEMES POUR ESSAI DE COLMATANT**
[72] JAMISON, DALE E., US
[72] MURPHY, ROBERT J., US
[72] MILLER, MATTHEW L., US
[72] SAVARI, SHARETH, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-10
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[25] EN
[54] WELD STRESS COMPENSATION SYSTEM
[54] SYSTEME DE COMPENSATION DE CONTRAINTES DE SOUDURE
[72] UECKER, TIMOTHY M., US
[73] MERIDIAN STAINLESS INC., US
[85] 2014-11-12
[86] 2013-05-14 (PCT/US2013/040963)
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[25] EN
[54] END PLATE FOR AN ELECTRIC MACHINE, ELECTRIC MACHINE AND METHOD FOR ASSEMBLING AN ELECTRIC MACHINE
[54] FLASQUE POUR MACHINE ELECTRIQUE, MACHINE ELECTRIQUE ET PROCEDE DE MONTAGE D'UNE MACHINE ELECTRIQUE
[72] KABS, GINO, CH
[72] KLEYNHANS, GEORG, CH
[72] DETTWYLER, MARKUS, CH
[72] VETTER, MARCEL, CH
[73] MAN DIESEL & TURBO SE, DE
[85] 2014-11-24
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[25] EN
[54] APPARATUSES AND METHODS FOR PROVIDING HIGH ELECTRICAL RESISTANCE FOR AERIAL WORK PLATFORM COMPONENTS
[54] APPAREILS ET METHODES FOURNISSANT UNE RESISTANCE ELECTRIQUE ELEVEE POUR COMPOSANTS DE PLATEFORME DE TRAVAIL EN HAUTEUR
[72] CHRISTIAN, JAMES RANDALL, US
[72] PALICAN, ANDREW KEITH, US
[73] TIME MANUFACTURING COMPANY, US
[85] 2014-11-27
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[25] EN
[54] FLOATING METHANIZATION SYSTEM
[54] SYSTEME DE METHANISATION FLOTTANT
[72] NADON, GILLES, CA
[73] NADON, GILLES, CA
[86] (2875345)
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[25] EN
[54] AN ELECTRONICALLY ADJUSTABLE DAMPER AND SYSTEM
[54] AMORTISSEUR A REGLAGE ELECTRONIQUE ET SYSTEME
[72] RYAN, JEFFREY S., US
[72] HOLDEN, DAVID J., US
[72] PETERSON, JEFFREY L., US
[72] WYLER, JAMES M., US
[72] HOLBERT, TODD J., US
[72] WIZOREK, ANDREW M., US
[73] MSI DEFENSE SOLUTIONS, LLC, US
[85] 2014-12-05
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[25] EN
[54] METHYL IODIDE ADSORBER, USE THEREOF AND METHOD FOR THE ADSORPTION OF METHYL IODIDE
[54] ADSORBEUR D'IODURE DE METHYLE, SON UTILISATION ET PROCEDE POUR ADSORBER DE L'IODURE DE METHYLE
[72] DONABAUER, KATHARINA, DE
[72] TISSLER, ARNO, DE
[72] ENDLER, MIKA, DE
[72] BUTTNER, OLAF, DE
[73] CLARIANT INTERNATIONAL LTD., CH
[73] AREVA GMBH, DE
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[86] 2013-04-02 (PCT/EP2013/056941)
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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/60 (2006.01) C09K 8/62 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING HYDRAULIC FRACTURE NETWORK**
[54] **PROCEDES D'AMELIORATION D'UN RESEAU DE FRACTURES HYDRAULIQUES**
[72] BRANNON, HAROLD DEAN, US
[72] STARKS, THOMAS RAY, II., US
[72] NELSON, SCOTT G., US
[72] BELL, CHARLES E., US
[72] ROYCE, TOM N., US
[72] GUPTA, D.V. SATYANARAYANA, US
[72] LEMONS, JIMIE D., US
[72] HUFF, CURTIS D., US
[72] GOTTSCHLING, JOHN C., US
[72] GONZALEZ, ANGEL F., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-12-22
[86] 2013-06-26 (PCT/US2013/047779)
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[25] EN
[54] **WIRE FEEDER ASSEMBLY WITH MOTOR MOUNT**
[54] **ENSEMBLE DISTRIBUTEUR DE FIL AYANT UN SUPPORT DE MOTEUR**
[72] MATIASH, NICHOLAS A., US
[72] LAHTI, THOMAS D., US
[72] PATTERSON, JON M., US
[73] ILLNOIS TOOL WORKS INC., US
[85] 2014-12-29
[86] 2013-08-28 (PCT/US2013/057165)
[87] (WO2014/036191)
[30] US (13/601,544) 2012-08-31

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[13] C
[51] **Int.Cl. B29C 70/28 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **PLACEMENT OF PREPREG TOWS IN HIGH ANGLE TRANSITION REGIONS**
[54] **POSITIONNEMENT DE CABLES DE REMORQUAGE PREIMPREGNES DANS LES REGIONS DE TRANSITION A GRAND ANGLE**
[72] ANDERSON, DONALD A., US
[72] HUGHES, JESSICA R., US
[73] THE BOEING COMPANY, US
[86] (2878541)
[87] (2878541)
[22] 2015-01-16
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSESSING VIEWER INTEREST IN CONTENT AND ADVERTISEMENTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER L'INTERET D'UN SPECTATEUR POUR UN CONTENU ET DES ANNONCES PUBLICITAIRES**
[72] CARD, JOHN, II, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2015-01-20
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[25] EN
[54] **APPARATUS AND METHOD FOR SUPPORT OF ADDITIONAL MAXIMUM POWER REDUCTION BY USER EQUIPMENT**
[54] **APPAREIL ET PROCEDE POUR LA PRISE EN CHARGE D'UNE REDUCTION DE PUISSANCE MAXIMALE SUPPLEMENTAIRE PAR UN EQUIPEMENT UTILISATEUR**
[72] PIIPPONEN, ANTTI, FI
[72] VASENKARI, PETRI, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2015-01-29
[86] 2013-07-29 (PCT/FI2013/050776)
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[51] **Int.Cl. C04B 35/106 (2006.01)**
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[54] **CERAMIC COMPOSITION AND CUTTING TOOL**
[54] **COMPOSITION DE CERAMIQUE ET OUTIL DE COUPE**
[72] MOTEKI, JUN, JP
[72] KATSU, YUSUKE, JP
[72] MITSUOKA, TAKESHI, JP
[73] NGK SPARK PLUG CO., LTD., JP
[85] 2015-02-09
[86] 2013-12-27 (PCT/JP2013/007683)
[87] (WO2015/019391)
[30] JP (2013-164637) 2013-08-08

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[54] **FLOOR BOX COVER**
[54] **COUVERCLE DE BOITE DE PLANCHER**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2881736)
[87] (2881736)
[22] 2015-02-12
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[54] **WAREWASH MACHINE WITH DESCALING/DELIMING SYSTEM AND METHOD**
[54] **LAVE-VAISSELLE A SYSTEME DE DETARTRAGE ET PROCEDE**
[72] ANIM-MENSAH, ALEXANDER R., US
[72] NEWCOMER, JEFFREY R., US
[72] BRUNSWICK, BRIAN A., US
[73] PREMARK FEG L.L.C., US
[85] 2015-02-12
[86] 2013-08-02 (PCT/US2013/053329)
[87] (WO2014/031308)
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[54] **LENS COVER**
[54] **COUVERCLE DE LENTILLE**
[72] CHENG, CARSON, US
[72] CHENG, JASON M., US
[72] TIAN, CHANGAN, US
[73] NCSTAR INC., US
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[87] (2881921)
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[54] **TIMER FOR RELEASING E-DCH RESOURCES**
[54] **TEMPORISATEUR DE LIBERATION DE RESSOURCES E-DCH**
[72] PRADAS, JOSE LUIS, SE
[72] CAVERNI, ALESSANDRO, SE
[72] SHI, NIANSHAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-02-13
[86] 2013-04-02 (PCT/SE2013/050362)
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[25] EN
[54] **DUAL PHASE STEEL SHEET AND MANUFACTURING METHOD THEREOF**
[54] **TOLE D'ACIER DE STRUCTURE COMPOSITE ET SON PROCEDE DE PRODUCTION**
[72] YOKOI, TATSUO, JP
[72] SHUTO, HIROSHI, JP
[72] SAKURADA, EISAKU, JP
[72] OKADA, HIROYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-17
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[25] EN
[54] **SPLASH-RESISTANT AUTOMATICALLY INFLATABLE FLOTATION DEVICE**
[54] **DISPOSITIF DE FLOTTAISON POUVANT ETRE GONFLE AUTOMATIQUEMENT RESISTANT AUX PROJECTIONS D'EAU**
[72] BEACH-DRUMMOND, JAMES, US
[73] MARINE SAFETY PRODUCTS, LLC, US
[85] 2015-02-20
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[54] **DYNAMIC ROW SPACING PLANTER SYSTEM**
[54] **SYSTEME DE PLANTATION A ESPACEMENT DE RANGEE DYNAMIQUE**
[72] HUNDLEY, CHRISTOPHER A., US
[72] THIELEN, ANDREW D., US
[72] FORINASH, BRIAN, US
[72] BAITINGER, DAVID J., US
[72] FORBES, TIMOTHY J., US
[73] MONSANTO TECHNOLOGY LLC, US
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[25] EN
[54] **INHALER SIMULATING CIGARETTE SUCTION FORCE**
[54] **INHALATEUR SIMULANT LA FORCE D'ASPIRATION D'UNE CIGARETTE**
[72] HEARN, ALEX, GB
[72] MCDERMENT, IAIN, GB
[73] KIND CONSUMER LIMITED, GB
[85] 2015-02-24
[86] 2013-08-27 (PCT/GB2013/052239)
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[30] GB (1215278.1) 2012-08-28
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[54] **INFLATION CONTROL VALVE**
[54] **VANNE DE COMMANDE DE GONFLAGE**
[72] BATTERSON, BENJAMIN, US
[72] SASIDHARAN, MANIKANDAN, US
[72] KETELHOHN, ROBERT, US
[73] DJO, LLC, US
[85] 2015-02-20
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[30] US (61/692,614) 2012-08-23
[30] US (61/701,475) 2012-09-14

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[51] **Int.Cl. B65D 81/24 (2006.01) B65D 81/18 (2006.01)**
[25] EN
[54] **USE OF ADSORBER MATERIAL TO RELIEVE VACUUM IN SEALED CONTAINER CAUSED BY COOLING OF HEATED CONTENTS**
[54] **UTILISATION D'UN MATERIAU ADSORBEUR POUR SOULAGER LE VIDE DANS UN RECIPIENT ETANCHE CAUSE PAR LE REFROIDISSEMENT D'UN CONTENU CHAUFFE**
[72] CHIANG, WEILONG L., US
[72] LUNN, PAUL, US
[72] SEQUEIRA, CLARENCE, US
[72] SOCCI, EDWARD PETER, US
[73] PEPSICO, INC., US
[85] 2015-03-02
[86] 2013-09-06 (PCT/US2013/058377)
[87] (WO2014/051963)
[30] US (13/629,720) 2012-09-28

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[25] EN
[54] **METHOD FOR RECOVERING GOLD**
[54] **PROCEDE DE RECUPERATION D'OR**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] SANO, MASAKI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-03-09
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[87] (WO2014/042131)
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[25] EN
[54] **SIGNALING LAYER IDENTIFIERS FOR OPERATION POINTS IN VIDEO CODING**
[54] **SIGNALISATION D'IDENTIFIANTS DE COUCHE POUR DES POINTS DE FONCTIONNEMENT DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-03-09
[86] 2013-09-11 (PCT/US2013/059274)
[87] (WO2014/052013)
[30] US (61/707,486) 2012-09-28
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[54] **DAMAGE ASSESSMENT AND REPORTING SYSTEM**
[54] **SYSTEME D'EVALUATION DES DOMMAGES ET D'ETABLISSEMENT DE RAPPORTS**
[72] DUREL, WILLIAM J., US
[72] THOMAS, DOUGLAS, US
[72] THOMAS, STEVEN D., US
[73] ESTIMATICS IN THE FOURTH DIMENSION, LLC, US
[86] (2885020)
[87] (2885020)
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[30] US (14/261,032) 2014-04-24

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[25] EN
[54] **PUCCH RESOURCE ALLOCATION FOR E-PDCCH IN COMMUNICATIONS SYSTEM**
[54] **ATTRIBUTION DE RESSOURCES PUCCH POUR UN E-PDCCH DANS UN SYSTEME DE COMMUNICATION**
[72] ZHANG, LI, CN
[72] LUNTTILA, TIMO ERKKI, FI
[72] TIIROLA, ESA TAPANI, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
[85] 2015-03-18
[86] 2012-09-28 (PCT/EP2012/069193)
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[25] EN
[54] **USE OF CLOTHIANIDIN IN THE REDUCTION OR ELIMINATION OF SEA LICE**
[54] **UTILISATION DE CLOTHIANIDINE EN VUE DE LA REDUCTION OU L'ELIMINATION DES POUX DU POISSON**
[72] BOUVIER, JACQUES, CH
[72] NANCHEN, STEVE, CH
[72] PERRET, JEAN-LUC, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
[85] 2015-03-30
[86] 2013-10-24 (PCT/EP2013/072248)
[87] (WO2014/064184)
[30] EP (12190171.4) 2012-10-26

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[51] **Int.Cl. C08L 75/08 (2006.01) C08G 18/10 (2006.01) C08G 18/22 (2006.01) C08G 18/66 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **NON-CYTOTOXIC URETHANE ELASTOMER**
[54] **ELASTOMERE URETHANE NON CYTOTOXIQUE**
[72] KUNG, JIMMY, CA
[73] CROSSLINK TECHNOLOGY INC., CA
[86] (2887234)
[87] (2887234)
[22] 2015-04-08
[30] US (14/252,281) 2014-04-14

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[51] **Int.Cl. H02G 3/12 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **WHILE-IN-USE DECK BOX**
[54] **COFFRET DE PONT ACCESSIBLE SOUS TENSION**
[72] BARTHOLOMEW, PAUL J., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2887778)
[87] (2887778)
[22] 2015-04-09
[30] US (61/977,174) 2014-04-09

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 90/00 (2016.01) A61B 5/055 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORMING QUALITY CONTROL TESTING OF MEDICAL IMAGING STUDIES**
[54] **PROCEDE ET SYSTEME POUR L'EXECUTION DE TESTS DE CONTROLE DE QUALITE LIES A DES EXAMENS D'IMAGERIE MEDICALE**
[72] WRANOVSKY, STEVEN RICHARD, US
[72] HUYNH, THANH DUC, US
[72] THINGVOLD, SHERYL RAE, US
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., CA
[86] (2888257)
[87] (2888257)
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[25] EN
[54] **RETINAL REPAIR DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE REPARATION RETINIENNE**
[72] TORNAMBE, PAUL E., US
[72] MCKINNEY, R. TODD, US
[72] FITZGERALD, PATRICK J., US
[72] BENKE, JASPER, US
[72] SIMPSON, JOHN A., US
[73] POWAY RETINAL TECHNOLOGIES, LLC, US
[85] 2015-04-17
[86] 2013-10-31 (PCT/US2013/067842)
[87] (WO2014/071054)
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[51] **Int.Cl. H02P 9/30 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING SWITCHED RELUCTANCE GENERATOR WITHOUT POSITION SENSOR**
[54] **PROCEDE DE COMMANDE D'UN GENERATEUR A RELUCTANCE COMMUTEE SANS CAPTEUR DE POSITION EN ROUE LIBRE PAR PROGRESSION**
[72] CHEN, HAO, CN
[73] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2015-04-21
[86] 2013-01-24 (PCT/CN2013/070932)
[87] (WO2014/063454)
[30] CN (201210403799.X) 2012-10-22

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[51] **Int.Cl. F42B 35/00 (2006.01)**
[25] EN
[54] **VACUUM POWERED BULLET HOLDER SYSTEM FOR BALLISTIC ANALYSIS**
[54] **SYSTEME DE SUPPORT DE BALLE ALIMENTE SOUS VIDE POUR ANALYSE BALISTIQUE**
[72] SENGUL, ORHAN, TR
[72] YALCINER, LEVENT BURAK, TR
[73] TUBITAK, TR
[85] 2015-05-04
[86] 2012-11-16 (PCT/IB2012/056508)
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[25] EN
[54] **COMPUTER-AIDED PARALLELIZING OF COMPUTATION GRAPHS**
[54] **PARALLELISATION ASSISTEE PAR ORDINATEUR DE GRAPHES DE CALCUL**
[72] STANFILL, CRAIG W., US
[73] AB INITIO TECHNOLOGY LLC, US
[86] (2891196)
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[25] EN
[54] **HYDROPHILIC LINKERS AND THEIR USES FOR CONJUGATION OF DRUGS TO CELL BINDING MOLECULES**
[54] **LIEURS HYDROPHILES ET LEURS UTILISATIONS POUR LA CONJUGAISON DE MEDICAMENTS A DES MOLECULES SE LIANT AUX CELLULES**
[72] ZHAO, R. YONGXIN, CN
[73] HANGZHOU DAC BIOTECH CO., LTD., CN
[85] 2015-05-12
[86] 2012-11-24 (PCT/IB2012/056700)
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **CODE-BASED INFORMATION SYSTEM**
[54] **SYSTEME D'INFORMATIONS BASE SUR DES CODES**
[72] KIRNER, MARKUS, DE
[72] NAGELE, CARL MICHAEL, DE
[73] THEPEOPLE.DE GMBH, DE
[85] 2015-05-13
[86] 2013-11-20 (PCT/EP2013/003507)
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[30] EP (12007898.5) 2012-11-22
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[51] **Int.Cl. B65H 3/04 (2006.01) B65H 3/52 (2006.01) B65H 3/56 (2006.01)**
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[54] **SHEET FEEDERS**
[54] **DISPOSITIFS D'ALIMENTATION EN FEUILLES**
[72] HARRIS, GRAHAM MICHAEL, GB
[72] BARRETT, PAUL GRAHAM, GB
[73] CREASESTREAM LLP, GB
[85] 2015-05-19
[86] 2011-11-16 (PCT/GB2011/052241)
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[25] EN
[54] **SMOKING ARTICLES HAVING REDUCED IGNITION PROCLIVITY CHARACTERISTICS**
[54] **ARTICLES A FUMER AYANT DES CARACTERISTIQUES REDUITES DE PREDISPOSITION A L'INFLAMMATION**
[72] HERVE, RAOUL, FR
[72] CLOITRE-CHABERT, JULIA, FR
[72] GUILCHET, PATRICK, FR
[72] KRAKER, THOMAS A., US
[73] SCHWEITZER-MAUDUIT INTERNATIONAL, INC., US
[86] (2891884)
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[22] 2008-07-03
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[25] EN
[54] **ABSORBENT ARTICLES WITH SUBSTRATES HAVING PATTERNED SLOT COATED ADHESIVES**
[54] **ARTICLES ABSORBANTS COMPRENANT DES SUBSTRATS AYANT DES ADHESIFS REVETUS A FENTE, A MOTIFS**
[72] BROWN, DARRELL IAN, US
[72] STRASEMEIER, JOHN ANDREW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-05-25
[86] 2013-11-18 (PCT/US2013/070495)
[87] (WO2014/085119)
[30] US (13/685,959) 2012-11-27

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[51] **Int.Cl. E21B 47/0224 (2012.01) E21B 47/135 (2012.01)**
[25] EN
[54] **DISTRIBUTED DOWNHOLE ACOUSTING SENSING**
[54] **DETECTION ACOUSTIQUE DE FOND DE TROU REPARTIE**
[72] CHILDERS, BROOKS A., US
[72] DUNCAN, ROGER GLEN, US
[72] NUCKELS, MICHAEL C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-05-25
[86] 2013-10-29 (PCT/US2013/067252)
[87] (WO2014/085012)
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[25] EN
[54] **VERSATILE CONTAINER LID**
[54] **COUVERCLE DE CONTENANT POLYVALENT**
[72] ANTHONY, PATRICIA M., US
[73] ANTHONY, PATRICIA M., US
[86] (2893543)
[87] (2893543)
[22] 2015-06-03
[30] US (14/465,805) 2014-08-21
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[51] **Int.Cl. H02J 9/06 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **PORTABLE LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE PORTATIF**
[72] ASTL, BRIAN CHARLES, CA
[72] DACK, STUART ALAN, CA
[72] VAN DOORSELAER, SEAN ROBERT, CA
[73] LIND EQUIPMENT LTD., CA
[85] 2015-06-03
[86] 2014-01-16 (PCT/CA2014/050026)
[87] (WO2014/110677)
[30] US (61/753,268) 2013-01-16

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[51] **Int.Cl. B60B 30/02 (2006.01) B60B 30/10 (2006.01)**
[25] EN
[54] **WHEEL LIFT**
[54] **APPAREIL DE LEVAGE A ROUE**
[72] ANG, WOON TIONG, CA
[73] INVENTIONWORX INC., CA
[86] (2894165)
[87] (2894165)
[22] 2015-06-12

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[51] **Int.Cl. F16L 19/02 (2006.01) F16L 19/025 (2006.01) F16L 19/04 (2006.01)**
[25] EN
[54] **FLANGE FITTING**
[54] **RACCORD DE BRIDE**
[72] ZANETTACCI, CHARLES, GB
[72] FARQUHAR, KEITH, GB
[73] SPIRAX-SARCO LIMITED, GB
[86] (2894373)
[87] (2894373)
[22] 2015-06-16
[30] GB (1411018.3) 2014-06-20

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[13] C
[51] **Int.Cl. B01L 3/02 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **DOSING PIPETTE**
[54] **PIPETTE DOSEUSE**
[72] FUCHS, KARL-HEINZ, DE
[73] STEVANATO GERMANY GMBH, DE
[85] 2015-06-16
[86] 2013-12-18 (PCT/EP2013/077210)
[87] (WO2014/096081)
[30] DE (10 2012 112 498.1) 2012-12-18
[30] DE (10 2013 114 336.9) 2013-12-18

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[51] **Int.Cl. B01D 1/20 (2006.01) B05B 3/10 (2006.01)**
[25] EN
[54] **INSERT FOR AN ATOMIZER WHEEL AND ATOMIZER WHEEL COMPRISING A NUMBER OF SUCH INSERTS**
[54] **PIECE POUR ROUE D'ATOMISEUR ET ROUE D'ATOMISEUR COMPRENANT UNE PLURALITE DE TELLES PIECES**
[72] NIELSEN, ERLING SKOV, DK
[73] GEA PROCESS ENGINEERING A/S, DK
[85] 2015-06-17
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[87] (WO2014/094773)

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[25] EN
[54] **PRODUCTION OF BIODIESEL AND GLYCERIN FROM HIGH FREE FATTY ACID FEEDSTOCKS**
[54] **PREPARATION DE BIODIESEL ET DE GLYCERINE A PARTIR DE CHARGES D'ALIMENTATION A ACIDES GRAS TRES LIBRES**
[72] JACKMAN, JOHN P., US
[72] PIERCE, JOEL M.., US
[72] JONES, JEFFREY D., US
[72] TALLEY, RICHARD H., US
[73] REG SENECA, LLC, US
[86] (2895444)
[87] (2895444)
[22] 2007-08-14
[62] 2,806,441
[30] US (11/504,828) 2006-08-15

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[51] **Int.Cl. G01V 3/30 (2006.01) E21B 47/04 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **FAST FORMATION DIP ANGLE ESTIMATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION RAPIDE D'ANGLE DE PENDAGE DE FORMATION**
[72] WU, DAGANG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-18
[86] 2013-01-17 (PCT/US2013/021929)
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[25] EN
[54] **TRAMPOLINE WITH IMPROVED HOOKING STRUCTURE**
[54] **TRAMPOLINE DOTE D'UNE STRUCTURE D'ACCROCHAGE AMELIOREE**
[72] LIU, PEI-I, TW
[73] LIU, PEI-I, TW
[86] (2896049)
[87] (2896049)
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[51] **Int.Cl. F01D 9/04 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **GUIDE VANE ASSEMBLY VANE BOX OF AN AXIAL TURBINE ENGINE COMPRESSOR**
[54] **BOITE D'AUBE FIXE A AUBE GUIDE D'UN COMPRESSEUR DE TURBINE AXIAL**
[72] DERCLAYE, ALAIN, BE
[73] SAFRAN AERO BOOSTERS SA, BE
[86] (2896164)
[87] (2896164)
[22] 2015-07-06
[30] EP (14175924.1) 2014-07-07

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[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **MOLDING SYSTEM**
[54] **SYSTEME DE MOULAGE**
[72] PANJWANI, VIJAY GOPICHAND, CA
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2015-06-25
[86] 2013-11-06 (PCT/CA2013/050844)
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[30] US (61/749,539) 2013-01-07

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[13] C
[51] **Int.Cl. G06F 9/54 (2006.01) G06F 17/30 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR PROCESSING OUT-OF-ORDER EVENTS**
[54] **APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR POUR TRAITER DES EVENEMENTS EN DESORDRE**
[72] MUTSCHLER, CHRISTOPHER, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-06-29
[86] 2014-01-27 (PCT/EP2014/051538)
[87] (WO2014/118132)
[30] EP (13153525.4) 2013-01-31

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[13] C
[51] **Int.Cl. G06K 7/08 (2006.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURELY LOADING, STORING AND TRANSMITTING MAGNETIC STRIPE DATA IN A DEVICE WORKING WITH A MOBILE WALLET SYSTEM**
[54] **SYSTEME ET PROCEDE PERMETTANT DE CHARGER, STOCKER ET TRANSMETTRE EN TOUTE SECURITE DES DONNEES DE BANDE MAGNETIQUE DANS UN DISPOSITIF FONCTIONNANT AVEC UN SYSTEME DE PORTEFEUILLE MOBILE**
[72] GRAYLIN, WILLIAM W., US
[73] GRAYLIN, WILLIAM W., US
[73] SAMSUNG PAY, INC., US
[85] 2015-07-02
[86] 2014-02-20 (PCT/US2014/017371)
[87] (WO2014/133863)
[30] US (13/781,964) 2013-03-01

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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/16 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **WIRELESS ACTIVATABLE VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE POUVANT ETRE ACTIVE SANS FIL**
[72] FRIPP, MICHAEL L., US
[72] BONNER, AARON J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-07
[86] 2013-02-15 (PCT/US2013/026534)
[87] (WO2014/123549)
[30] US (PCT/US2013/025424) 2013-02-08

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[51] **Int.Cl. G03G 7/00 (2006.01)**
[25] EN
[54] **IMAGE FORMING SHEET FOR ELECTROPHOTOGRAPHY**
[54] **FEUILLE DE FORMATION D'IMAGE POUR L'ELECTROPHOTOGRAPHIE**
[72] KOBAYASHI, TOMOO, JP
[72] TSUTSUMI, KOJIRO, JP
[72] TORIKOSHI, KAORU, JP
[72] YUKAWA, TOSHIYASU, JP
[72] HARADA, KATSUMI, JP
[73] FUJI XEROX CO., LTD., JP
[86] (2897443)
[87] (2897443)
[22] 2015-07-15
[30] JP (2014-242413) 2014-11-28

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[51] **Int.Cl. A61B 18/02 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **PURGE PHASE FOR CRYOABLATION SYSTEMS**
[54] **PHASE DE PURGE DESTINEE A DES SYSTEMES DE CRYOABLATION**
[72] HARMOUCHE, CHADI, CA
[72] MAHROUCHE, RACHID, CA
[72] MONGER, ERIC, CA
[72] SIMEON, BERTIN, CA
[72] TZONEV, VLADIMIR, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2015-07-10
[86] 2013-12-17 (PCT/CA2013/001055)
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[30] US (13/747,902) 2013-01-23

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[51] **Int.Cl. E21B 47/013 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **MONITORING DEVICE FOR PLUG ASSEMBLY**
[54] **DISPOSITIF DE SURVEILLANCE POUR UN ENSEMBLE BOUCHON**
[72] MILLER, JAMES, US
[72] MAILAND, JASON, US
[72] MATTHEWS, DANIEL, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-20
[86] 2014-01-31 (PCT/US2014/014019)
[87] (WO2014/121006)
[30] US (13/755,697) 2013-01-31

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAGNETIC PULSE SIGNATURE ACTUATION**
[54] **PROCEDE ET APPAREIL D'ACTIONNEMENT DE SIGNATURE A IMPULSION MAGNETIQUE**
[72] WALTON, ZACHARY W., US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-22
[86] 2014-02-10 (PCT/US2014/015606)
[87] (WO2014/133739)
[30] US (13/781,093) 2013-02-28

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[51] **Int.Cl. F16N 3/12 (2006.01)**
[25] EN
[54] **GREASE GUN**
[54] **MITRAILLETTE M3**
[72] MASER, FRANK, DE
[73] MASER, FRANK, DE
[86] (2900262)
[87] (2900262)
[22] 2015-08-13
[30] EP (14 184 528.9) 2014-09-12
[30] DE (DE 20 2015 102 298.0) 2015-05-05

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[13] C
[51] **Int.Cl. B05D 7/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR COATING SUBSTRATES**
[54] **PROCEDES ET COMPOSITIONS DE REVETEMENT DE SUBSTRATS**
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] SADVARY, RICHARD J., US
[72] CHASSER, ANTHONY M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-08-24
[86] 2014-02-25 (PCT/US2014/018333)
[87] (WO2014/134045)
[30] US (13/780,628) 2013-02-28

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[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **FLOW CONTROL SCREEN ASSEMBLY HAVING AN ADJUSTABLE INFLOW CONTROL DEVICE**
[54] **ENSEMBLE ECRAN DE REGULATION DE DEBIT AYANT UN DISPOSITIF DE REGULATION DE DEBIT D'ENTREE AJUSTABLE**
[72] KANG, JAMES JUN, US
[72] FRIPP, MICHAEL LINLEY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-03
[86] 2013-04-10 (PCT/US2013/036042)
[87] (WO2014/168617)

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[13] C
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[54] **PROTECTION DE PENETRATION D'UN INTERRUPTEUR STYLO ELECTROCHIRURGICAL**
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[72] MCEACHERN, IAN C., US
[72] BROWN, MICHAEL J., US
[73] COVIDIEN LP, US
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[54] **METHOD AND APPARATUS FOR PROVIDING VENT SOURCE GASES TO AN ENGINE**
[54] **PROCEDE ET APPAREIL SERVANT A FOURNIR DES GAZ SOURCES DE VENTILATION A UN MOTEUR**
[72] MALM, HOWARD L., CA
[73] REM TECHNOLOGY, INC., CA
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[54] **APPARATUS AND METHODS FOR VISUAL DEMONSTRATION OF DENTAL EROSION ON SIMULATED DENTAL MATERIALS**
[54] **APPAREIL ET PROCEDES POUR UNE DEMONSTRATION VISUELLE DE L'EROSION DENTAIRE SUR DES MATERIAUX DENTAIRES SIMULES**
[72] DRAKE, PHILLIP ASA, US
[72] PENG, RUZHAN, US
[72] DECKNER, GEORGE ENDEL, US
[73] THE PROCTOR & GAMBLE COMPANY, US
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[54] **A LOW SODIUM SALT COMPOSITION**
[54] **COMPOSITION DE SEL A FAIBLE TENEUR EN SODIUM**
[72] BHANDARI, PRATIK N., IN
[72] CHIGURUPATI, SAMBASIVA RAO, US
[73] S&P INGREDIENT DEVELOPMENT, LLC, US
[85] 2015-10-06
[86] 2014-04-16 (PCT/US2014/034405)
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[25] EN
[54] **BLOOD SAMPLING TRANSFER DEVICE AND BLOOD SEPARATION AND TESTING SYSTEM**
[54] **DISPOSITIF DE TRANSFERT D'ECHANTILLON SANGUIN ET SYSTEME DE SEPARATION ET D'ANALYSE SANGUINE**
[72] FLETCHER, GARY D., US
[72] NEWBY, C., MARK, US
[72] WILKINSON, BRADLEY M., US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2015-10-08
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[54] **IMPROVED DISTRIBUTION UNIFORMITY IN AIR SEEDERS**
[54] **UNIFORMITE DE DISTRIBUTION AMELIOREE DE SEMOIRS PNEUMATIQUES**
[72] BEAUJOT, NORBERT, CA
[73] SEEDMASTER MANUFACTURING LTD., CA
[86] (2909260)
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[54] **FERMENTED MALT BEVERAGE**
[54] **BOISSON MALTEE FERMENTEE**
[72] MARUHASHI, TAICHI, JP
[72] OKA, KANEO, JP
[72] HIDA, YOSHINORI, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2015-10-20
[86] 2014-03-27 (PCT/JP2014/058863)
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[54] **ARRANGEMENT OF MULTI-CHANNEL BIPOLAR ELECTRODE ZONES TO MINIMIZE LEAKAGE AND EDGE EFFECTS**
[54] **ARRANGEMENT DE ZONES D'ELECTRODE BIPOLAIRE MULTICANAL EN VUE DE MINIMISER LES EFFETS DE FUITE ET DE BORD**
[72] JAMESON, ALLEN D., US
[72] BAGLEY, CHRISTOPHER L., US
[72] HUSZAR, HILLARY K., US
[73] COVIDIEN LP, US
[86] (2910361)
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[54] **ELASTOMER PMMA LAYERED COMPOSITES HAVING IMPROVED PROPERTIES**
[54] **COMPOSITES FEUILLETES ELASTOMERE-PPMA A PROPRIETES AMELIOREES**
[72] HOSS, WERNER, DE
[72] SCHMIDT, ARNE, DE
[72] MANIS, ANTONIOS, DE
[73] EVONIK ROHM GMBH, DE
[73] BASF SE, DE
[85] 2015-10-29
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[54] **SEALING ARRANGEMENT FOR A MOTOR VEHICLE WINDOW PANE**
[54] **AGENCEMENT D'ETANCHEITE POUR VITRE D'UN VEHICULE MOTORISE**
[72] TIMMERMANN, ALWIN, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SYSTEM AND METHODS FOR CONTINUOUS PRODUCTION OF PROTEINACEOUS PATTIES DRESSED WITH FOOD GRADE PARTICULATE**
[54] **SYSTEME ET PROCEDES DESTINES A LA PRODUCTION CONTINUE DE PORTIONS PROTEINEES ACCOMMODEES AVEC UNE MATIERE PARTICULAIRE DE QUALITE ALIMENTAIRE**
[72] CATOR, BRENT J. M., CA
[72] POUND, JOHN, CA
[72] FLORINDO, FRANK, CA
[72] MORIYAMA, KELLY, CA
[72] DASILVA, CARLOS, CA
[73] CARDINAL MEAT SPECIALISTS LIMITED, CA
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[54] **MESURES TELEMETRIQUES AU MOYEN DE SIGNAUX MODULES**
[72] GOLLA, CHRISTOPHER A., US
[72] DONDERICI, BURKAY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHODS AND SYSTEMS OF ENHANCED CARBON DIOXIDE RECOVERY**
[54] **PROCEDES ET SYSTEMES DE RECUPERATION AMELIOREE DE DIOXYDE DE CARBONE**
[72] HO, JASON G.S., US
[72] COOPER, J. CALVIN, US
[73] APACHE CORPORATION, US
[86] (2911820)
[87] (2911820)
[22] 2015-11-12
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[54] **FUEL CELL SYSTEM, FUEL CELL VEHICLE, AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, VEHICULE A PILE A COMBUSTIBLE ET METHODE DE COMMANDE DU SYSTEME DE PILE A COMBUSTIBLE**
[72] IMANISHI, HIROYUKI, JP
[72] YAMAMOTO, KAZUO, JP
[72] TOIDA, MASASHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **A TITANIUM-CONTAINING FORMULATION FOR PLANT CULTIVATION, METHOD OF PREPARATION OF A TITANIUM-CONTAINING FORMULATION FOR PLANT CULTIVATION AND USE OF THE TITANIUM-CONTAINING FORMULATION IN CULTIVATION OF PLANTS**
[54] **UNE FORMULE RENFERMANT DU TITANE DESTINEE A LA CULTURE DE VEGETAUX, METHODE DE PREPARATION D'UNE FORMULE RENFERMANT DU TITANE DESTINEE A LA CULTURE DE VEGETAUX ET UTILISATION D'UNE FORMULE RENFERMANT DU TITANE POUR LA CULTURE DE VEGETAUX**
[72] KARDASZ, HUBERT, PL
[72] CZAJA, TADEUSZ, PL
[72] WEGLARZ, ADAM, PL
[73] INTERMAG SP. Z O.O., PL
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[54] **A NOVEL GROUP OF STAT3 PATHWAY INHIBITORS AND CANCER STEM CELL PATHWAY INHIBITORS**
[54] **GROUPE INNOVANT D'INHIBITEURS DE LA VOIE STAT3 ET D'INHIBITEURS DE LA VOIE DES CELLULES SOUCHES CANCEREUSES**
[72] LI, CHIANG JIA, US
[72] JIANG, ZHIWEI, US
[72] ROGOFF, HARRY, US
[72] LI, YOUZHI, US
[72] LIU, JIFENG, US
[72] LI, WEI, US
[73] BOSTON BIOMEDICAL, INC., US
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[54] **AUXILIARY FACE SEAL FOR SUBMERSIBLE WELL PUMP SEAL SECTION**
[54] **JOINT DE FACE AUXILIAIRE DE SECTION DE JOINT DE POMPE SUBMERSIBLE**
[72] TETZLAFF, STEVEN K., US
[72] ROBINSON, LANCE T., US
[72] BIERIG, KEVIN R., US
[72] SHAFFER, DANIEL A., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2912288)
[87] (2912288)
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[54] **SIGNAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES SIGNAUX**
[72] LEE, JOHN, CA
[72] MARTIN, RICHARD, CA
[72] NIKKARI, BRAD, CA
[72] MATTEAU, LUC, CA
[72] LAMBOS, TASOS, CA
[72] BEGGS, TROY, CA
[73] ATX NETWORKS CORP., CA
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[54] **HIGH-TEMPERATURE CROSSLINKED POLYMER FOR USE IN A WELL**
[54] **POLYMERE RETICULE HAUTE TEMPERATURE DESTINE A ETRE UTILISE DANS UN PUITS**
[72] ZHOU, HUI, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-12
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[54] **INTEGRATED SOUND SHIELD FOR AIR CORE REACTOR**
[54] **CLOISON ANTIBRUIT INTEGREE POUR UNE INDUCTANCE A NOYAU D'AIR**
[72] BEST, FABIAN, CA
[72] LAU, TOM CHIU HUNG, CA
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **DIAGNOSTIC SYSTEM FOR BULK WELL MATERIAL HANDLING PLANTS**
[54] **SYSTEME DE DIAGNOSTIC POUR INSTALLATIONS DE TRAITEMENT DE MATERIAUX DE PUITS EN VRAC**
[72] HEATON, JOHN G., US
[72] WELLS, ELIZABETH L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FUNGICIDAL COMPOSITIONS**
[54] **COMPOSITIONS FONGICIDES**
[72] HOEKSTRA, WILLIAM J., US
[72] LOSO, MICHAEL R., US
[72] GUSTAFSON, GARY D., US
[72] KNUEPPEL, DANIEL, US
[72] BUCHAN, ZACHARY A., US
[72] SULLENBERGER, MICHAEL T., US
[73] VIAMET PHARMACEUTICALS (NC), INC., US
[85] 2015-11-27
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[54] **FILTRE A DISQUE ROTATIF**
[72] SVENSSON, EMIL, SE
[72] SVENSSON, KJELL-AKE, SE
[72] LARSSON, PER, SE
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[86] (2914153)
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[22] 2015-12-08
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[25] EN
[54] **PLUMBING OUTLET BOX**
[54] **BOITE A PRISES DE PLOMBERIE**
[72] CLARKE, GARY WAYNE, US
[72] WHITEHEAD, JAMES H., US
[73] IPS CORPORATION, US
[85] 2015-12-01
[86] 2014-06-04 (PCT/US2014/040944)
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[25] EN
[54] **METHOD FOR DETECTING A PLURALITY OF INSTANCES OF AN OBJECT**
[54] **PROCEDE POUR DETECTER UNE PLURALITE D'INSTANCES D'UN OBJET**
[72] PATEL, ANKUR R., US
[72] SUPER, BOAZ J., US
[73] SYMBOL TECHNOLOGIES, LLC, US
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[54] **APPARATUS FOR PRE-HEATING POTABLE WATER IN AIRCRAFT WITH WASTE HEAT**
[54] **APPAREIL POUR PRECHAUFFER DE L'EAU POTABLE DANS UN AERONEF AVEC DE LA CHALEUR PERDUE**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[85] 2015-12-08
[86] 2014-06-13 (PCT/US2014/042337)
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[30] US (61/836,400) 2013-06-18
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[25] EN
[54] **WELLBORE COMPONENT LIFE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE DUREE UTILE DE COMPOSANT DE PUITS DE FORAGE**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-09
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[25] EN
[54] **STABLE CRYSTAL FORM OF TIPIRACIL HYDROCHLORIDE AND CRYSTALLIZATION METHOD FOR THE SAME**
[54] **CRISTAL STABILISE DE CHLORHYDRATE DE TIPIRACIL, ET SON PROCEDE DE CRISTALLISATION**
[72] KAZUNO, HIDEKI, JP
[72] MUTSUMI, TOMONOBU, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2015-12-09
[86] 2014-06-17 (PCT/JP2014/065985)
[87] (WO2014/203877)
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[54] **SPA CABINET ATTACHMENT**
[54] **FIXATION POUR ARMOIRE DE SPA**
[72] MCLANE, MARK, US
[72] HALES, ERIC, US
[73] BULLFROG INTERNATIONAL, L.C., US
[86] (2915184)
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[54] **STRUCTURAL ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS D'ADHESIF STRUCTURAL**
[72] DESAI, UMESH C., US
[72] CHAO, TIEN-CHIEH, US
[72] NAKAJIMA, MASAYUKI, US
[72] RAGUNATHAN, KALIAPPA G., US
[73] PPG INDUSTRIES OHIO, INC., US
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[51] **Int.Cl. A61F 13/20 (2006.01) A61F 13/34 (2006.01)**
[25] EN
[54] **METHOD OF DELIVERING A WITHDRAWAL CORD TO A SUBSTRATE**
[54] **PROCEDE D'ACHEMINEMENT D'UN CORDON DE RETRAIT VERS UN SUBSTRAT**
[72] DURLING, EVAN JOSEPH, US
[72] STRONG, KEVIN CHARLES, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-12-17
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[25] EN
[54] **METHOD OF CUTTING A THREAD BETWEEN TWO SUBSTRATES**
[54] **PROCEDE POUR COUPER UN FIL ENTRE DEUX SUBSTRATS**
[72] DURLING, EVAN JOSEPH, US
[72] STRONG, KEVIN CHARLES, US
[72] ORNDORFF, JASON MATTHEW, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-12-17
[86] 2014-06-26 (PCT/US2014/044215)
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[54] **LWD RESISTIVITY IMAGING TOOL WITH ADJUSTABLE SENSOR PADS**
[54] **OUTIL D'IMAGERIE DE RESISTIVITE DE DIAGRAPHIE LWD A COUSSINETS DE DETECTION REGLABLES**
[72] PARKER, TIMOTHY JAMES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **RESEAU MONDIAL A COHERENCE TEMPORELLE**
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[54] **PROCEDE DE TRANSMISSION DE DONNEES DE SIGNATURE ET JETON DE SIGNATURE ELECTRONIQUE**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
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[54] **SELF-DEPLOYING APPARATUSES, ASSEMBLIES, AND METHODS FOR DRAG REDUCTION OF LAND VEHICLES**
[54] **APPAREILS A DEPLOIEMENT AUTONOME, ENSEMBLES, ET PROCEDES POUR LA REDUCTION DE LA TRAINEE DE VEHICULES TERRESTRES**
[72] TELNACK, LEE JOSEPH, US
[73] AEROVOLUTION CORPORATION, US
[85] 2015-12-23
[86] 2014-06-26 (PCT/US2014/044412)
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[25] EN
[54] **OCCLUSIVE DEVICE**
[54] **DISPOSITIF D'OCCLUSION**
[72] CENTER, CHARLES J., US
[72] CULLY, EDWARD H., US
[72] FRIEDMAN, NATHAN L., US
[72] HARTMAN, CODY L., US
[72] HELDER, NICHLAS L., US
[72] LURIE, BRANDON A., US
[72] MASTERS, STEVEN J., US
[72] MCDANIEL, THOMAS R., US
[72] MOONEY, NATHAN K., US
[72] PARIS, AARON L., US
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[73] W.L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **FINE CELLULOSE FIBER SHEET**
[54] **FEUILLE DE FIBRES DE CELLULOSE FINES**
[72] KAWAHARA, KAZUFUMI, JP
[72] SATO, DAISUKE, JP
[72] ONO, HIROFUMI, JP
[72] SAITO, YAMATO, JP
[73] ASAHI KASEI FIBERS CORPORATION, JP
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[54] **PROPPANT TRANSPORT MODEL FOR WELL SYSTEM FLUID FLOW SIMULATIONS**
[54] **MODELE DE TRANSPORT POUR AGENT DE SOUTENEMENT POUR DES SIMULATIONS D'ECOULEMENT DE FLUIDES DANS DES SYSTEMES DE PUITS**
[72] MADASU, SRINATH, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-14
[86] 2014-08-27 (PCT/US2014/052994)
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[25] EN
[54] **ENERGY RECYCLING TYPE DUST REMOVING PROCESSING SYSTEM FOR REMOVING CONTAMINATED MATERIAL IN HIGH TEMPERATURE CONTAMINATED GAS AND INERTIAL IMPACT TYPE ENERGY RECOVERING AND DUST REMOVING APPARATUS**
[54] **SYSTEME DE TRAITEMENT D'ELIMINATION DE POUSSIERE DE TYPE RECYCLANT L'ENERGIE POUR ELIMINER DES CONTAMINANTS DANS UN GAZ CONTAMINE A HAUTE TEMPERATURE, ET APPAREIL DE RECUPERATION D'ENERGIE DE TYPE IMPACT INERTIEL ET D'ELIMINATION DE POUSSIERE**
[72] PARK, SEONG-KYU, KR
[72] CHOI, SANG-JIN, KR
[73] KF CO., LTD., KR
[85] 2015-10-16
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[54] **CONTAINER WITH RECESSED REMOVABLE VENTING TAB**
[54] **RECIPIENT A LANGUETTE DE VENTILATION RENFONCEE AMOVIBLE**
[72] UNGRADY, ERIC B., US
[72] TAYLOR, LARRY, US
[73] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **PROCESS FOR THE PREPARATION OF A CONFECTIONERY PRODUCT**
[54] **PROCEDE DE PREPARATION DE PRODUIT DE CONFISERIE**
[72] SMITH, BECCY, GB
[73] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-07-30 (PCT/IB2014/063559)
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[25] EN
[54] **TRIAZINE DERIVATIVE**
[54] **DERIVE DE TRIAZINE**
[72] KAWAHATA, WATARU, JP
[72] ASAMI, TOKIKO, JP
[72] SAWA, MASAAKI, JP
[72] ASAMITSU, YUKO, JP
[72] IRIE, TAKAYUKI, JP
[72] MIYAKE, TAKAHIRO, JP
[72] KIYOI, TAKAO, JP
[73] CARNA BIOSCIENCES, INC., JP
[85] 2016-01-22
[86] 2014-07-15 (PCT/JP2014/068752)
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[54] **ANGLED STRIPPER FOR A CROSS AUGER ON A CROP HARVESTING HEADER**
[54] **EGRENEUSE INCLINEE DESTINEE A UNE VIS SANS FIN PERPENDICULAIRE SUR UN BEC CUEILLEUR DE RECOLTE**
[72] MCCREA, THOMAS E., CA
[73] AG SHIELD LTD., CA
[86] (2919107)
[87] (2919107)
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[54] **PAINTED STEEL PLATE PROVIDED WITH A ZINC COATING**
[54] **TOLE D'ACIER PEINTE MUNIE D'UN REVETEMENT DE ZINC**
[72] CHALEIX, DANIEL, FR
[72] JACQUES, DANIEL, FR
[72] SILBERBERG, ERIC, BE
[72] PACE, SERGIO, BE
[72] SCHMITZ, BRUNO, BE
[72] VANDEN EYNDE, XAVIER, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
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[54] **LIFT ACTUATOR**
[54] **ACTIONNEUR D'ASCENSEUR**
[72] STOCKMASTER, JAMES, US
[72] ALDAY, JIM, US
[72] PEETS, BRIAN, US
[72] LIU, PETER, US
[72] DEVORIA, ROBERT, US
[72] PEMBROKE, JOHN, US
[72] REESE, BLAKE, US
[73] GORBEL, INC., US
[86] (2919247)
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[25] EN
[54] **RIBBON DECORTICATION APPARATUS AND METHOD FOR PROCESSING GREEN FIBROUS PLANT STALKS**
[54] **APPAREIL DE DECORTICATION DE RUBAN ET METHODE DE TRAITEMENT DE TIGES DE PLANTES VERTES FIBREUSES**
[72] HARRAP, PATRICK K., CA
[73] HARRAP, PATRICK K., CA
[86] (2919565)
[87] (2919565)
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[54] **CHARNIERE**
[72] JAMES, TIM, US
[73] DOWCO, INC., US
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[54] **VIBRATORY CONVEYOR AND METHOD FOR CONVEYING SILICON FRAGMENTS**
[54] **CONVOYEUR OSCILLANT ET PROCEDE DE TRANSPORT DE MORCEAUX DE SILICIUM**
[72] LAZARUS, WERNER, DE
[72] ROSUMEK, MARIUS, DE
[73] WACKER CHEMIE AG, DE
[85] 2016-01-28
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[25] EN
[54] **SYSTEMS AND METHODS FOR LUBRICATING BEARINGS OF ROTATING EQUIPMENT IN GAS PROCESSING SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR LA LUBRIFICATION DES ROULEMENTS D'UN EQUIPEMENT ROTATIF DANS DES SYSTEMES DE TRAITEMENT DE GAZ**
[72] KRISH, PREM, US
[72] MARTIN, JEREMY GRANT, US
[73] ENERGY RECOVERY, INC., US
[85] 2016-01-28
[86] 2014-10-02 (PCT/IB2014/065025)
[87] (WO2015/015478)
[30] US (61/861,851) 2013-08-02
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[54] **TILT STEERING APPARATUS**
[54] **APPAREIL DE DIRECTION D'INCLINAISON**
[72] KUWABARA, NAOKI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2920158)
[87] (2920158)
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[54] **CONVERTER-COOLING ELEMENT ASSEMBLY WITH METALLIC SOLDER CONNECTION**
[54] **DISPOSITIF D'ELEMENT CONVERTISSEUR-REFROIDISSEUR DOTE D'UNE CONNEXION SOUDEE METALLIQUE**
[72] WEBER, URBAN, DE
[72] HAGEMANN, VOLKER, DE
[72] BRIX, PETER, DE
[72] KLUGE, MICHAEL, DE
[73] SCHOTT AG, DE
[85] 2016-02-08
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[54] **GAS SEPARATORS WITH FIBER OPTIC SENSORS**
[54] **SEPARATEURS DE GAZ COMPORTANT DES CAPTEURS A FIBRE OPTIQUE**
[72] WILSON, BROWN LYLE, US
[72] BROWN, DONN J., US
[72] SHETH, KETANKUMAR K., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-09
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[25] EN
[54] **METHOD FOR MANUFACTURING PRESS-FORMED PRODUCT AND PRESS-FORMING APPARATUS**
[54] **PROCEDE DE FABRICATION DE PRODUIT FORME SOUS PRESSE ET APPAREIL DE FORMAGE SOUS PRESSE**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NISHIMURA, RYUICHI, JP
[72] ITO, YASUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[86] 2014-09-10 (PCT/JP2014/073972)
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[54] **UNITE DE FREINAGE**
[72] DREWES, OLAF, DE
[73] SAF-HOLLAND GMBH, DE
[85] 2016-02-11
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[25] EN
[54] **GARDENING TOOL AND HEDGE TRIMMER**
[54] **OUTIL DE JARDINAGE ET COUPE-BORDURE**
[72] LI, LI, CN
[72] YAMAOKA, TOSHINARI, CN
[72] NIE, FANGJIE, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2921635)
[87] (2921635)
[22] 2016-02-23
[30] CN (201510087825.6) 2015-02-25
[30] CN (201520116225.3) 2015-02-25
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[51] **Int.Cl. F01K 25/00 (2006.01) F01K 25/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING POWER WITH THORIUM**
[54] **METHODE ET APPAREIL DE PRODUCTION D'ENERGIE AU THORIUM**
[72] FISHER, PATRICK, CA
[73] FISHER, PATRICK, CA
[86] (2921686)
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[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **THERMOELECTRIC COOLING DEVICES ON ELECTRICAL SUBMERSIBLE PUMP**
[54] **DISPOSITIFS DE REFROIDISSEMENT THERMO-ELECTRIQUES SUR POMPE SUBMERSIBLE ELECTRIQUE**
[72] SADANA, ANIL K., US
[72] PRIETO, CARLOS A., US
[72] ROY, SAYANTAN, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-24
[86] 2014-09-04 (PCT/US2014/054059)
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[54] **MODULAR GLASSES AND METHOD FOR MANUFACTURING SAME**
[54] **LUNETTES MODULAIRES ET LEUR PROCEDE DE FABRICATION**
[72] LEUNG, YUET-CHARN, CN
[73] LEUNG, YUET-CHARN, CN
[85] 2016-03-03
[86] 2013-09-18 (PCT/CN2013/001109)
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[25] EN
[54] **METHOD FOR REMOVING SOX FROM GAS WITH MODIFIED POLYETHYLENE GLYCOL**
[54] **PROCEDE D'EXTRACTION DE SOX DE GAZ A L'AIDE DE POLYETHYLENE GLYCOL MODIFIE**
[72] WEI, XIONGHUI, CN
[72] SUN, SHAOYANG, CN
[72] ZOU, MEIHUA, CN
[72] XIAO, JIANBAI, CN
[72] LI, LIFANG, CN
[72] CHEN, LI, CN
[72] HU, CHUN, CN
[72] LI, XIANGBIN, CN
[72] WAN, MINGJIN, CN
[73] BEIJING BOYUAN HENGSHENG HIGH-TECHNOLOGY CO., LTD, CN
[73] YONGFENG BOYUAN INDUSTRY CO. LTD., JIANGXI PROVINCE, CN
[73] PEKING UNIVERSITY, CN
[85] 2016-03-09
[86] 2014-09-04 (PCT/CN2014/085924)
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[51] **Int.Cl. H01Q 1/22 (2006.01) H01Q 9/42 (2006.01)**
[25] EN
[54] **ANTENNA FOR SHORT-RANGE APPLICATIONS AND USE OF SUCH AN ANTENNA**
[54] **ANTENNE POUR APPLICATIONS EN CHAMP PROCHE ET UTILISATION D'UNE TELLE ANTENNE**
[72] KILIAN, DIETER, DE
[73] KILIAN, DIETER, DE
[85] 2016-03-10
[86] 2014-08-05 (PCT/EP2014/002153)
[87] (WO2015/043700)
[30] DE (10 2013 016 116.9) 2013-09-26

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[25] FR
[54] **STORAGE MODULE WITH PILING AND DEPILING FUNCTIONS**
[54] **MODULE DE STOCKAGE AVEC DES FONCTIONS D'EMPILAGE ET DE DEPILAGE**
[72] CAMPAGNOLLE, PIERRE, FR
[72] AMBROISE, STEPHANE, FR
[72] DUCLOT, CHRISTIAN, FR
[72] HUGUES, DAMIEN, FR
[72] DAUVERGNE, MICKAEL, FR
[73] SOLYSTIC, FR
[85] 2016-03-14
[86] 2014-07-10 (PCT/FR2014/051779)
[87] (WO2015/044540)
[30] FR (1359385) 2013-09-30

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[51] **Int.Cl. F27D 27/00 (2010.01) C22C 1/06 (2006.01)**
[25] EN
[54] **DUAL-FUNCTION IMPELLER FOR A ROTARY INJECTOR**
[54] **AGITATEUR A DOUBLE FONCTION POUR INJECTEUR ROTATIF**
[72] LANGLAIS, JOSEPH, CA
[72] WAITE, PETER DONALD, CA
[72] BRETON, FRANCIS, CA
[72] MUNGER, SERGE, CA
[72] BEAULIEU, MARTIN, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2016-03-16
[86] 2014-09-26 (PCT/CA2014/050922)
[87] (WO2015/042712)
[30] US (61/883,728) 2013-09-27

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **FIBER OPTIC DISTRIBUTED ACOUSTIC MEASUREMENTS VIA FMCW INTERROGATION**
[54] **MESURES ACOUSTIQUES REPARTIES PAR FIBRE OPTIQUE METTANT EN □UVRE UNE INTERROGATION A ONDE CONTINUE MODULEE EN FREQUENCE**
[72] RAUM, MATTHEW THOMAS, US
[72] DUNCAN, ROGER GLEN, US
[72] CHILDERS, BROOKS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-21
[86] 2014-08-28 (PCT/US2014/053044)
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[30] US (61/882,287) 2013-09-25

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[51] **Int.Cl. E21B 43/11 (2006.01) E21B 43/247 (2006.01)**
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[54] **DOWNHOLE SYSTEM AND METHOD THEREOF**
[54] **SYSTEME DE FOND DE TROU ET METHODE ASSOCIEE**
[72] O'MALLEY, EDWARD J., US
[72] KING, JAMES G., US
[72] JOHNSON, CHARLES C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-22
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[54] **BLOC JOUET EN FORME DE TETRADECAHEDRE**
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[73] ZHANG, HENG, CN
[85] 2016-03-29
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[25] EN
[54] **PROCESS AND APPARATUS FOR MANUFACTURE OF HYDROXIDE SLURRY**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UNE SUSPENSION D'HYDROXYDE**
[72] SCEATS, MARK, AU
[72] VINCENT, ADAM, AU
[73] CALIX LTD, AU
[85] 2016-03-30
[86] 2014-10-15 (PCT/AU2014/000979)
[87] (WO2015/058236)
[30] AU (2013904096) 2013-10-24

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[54] **ELEVATED KAYAK SEAT**
[54] **SIEGE DE KAYAK SURELEVE**
[72] NUTZ, HANS ERIC, US
[72] WARD, LEE PATRICK, US
[73] CONFLUENCE OUTDOOR, LLC, US
[86] (2926083)
[87] (2926083)
[22] 2016-04-05
[30] US (14/689,824) 2015-04-17

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[51] **Int.Cl. H04W 12/06 (2009.01) H04W 12/02 (2009.01) H04W 84/10 (2009.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR NFC PEER-TO-PEER AUTHENTICATION AND SECURE DATA TRANSFER**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION POSTE A POSTE DE COMMUNICATION EN CHAMP PROCHE (NFC) ET TRANSFERT DE DONNEES SECURISE**
[72] NEAFSEY, JEFFREY SCOTT, US
[72] MALONE, MICHAEL WILLIAM, US
[72] ABOUHASHEM, HAMID, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2016-04-01
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[25] EN
[54] **PYRIDYL, PYRIMIDINYL AND PHENYL COMPOUNDS AND THEIR USE IN THE CONTROL OF PARASITES**
[54] **COMPOSES PYRIDYL, PYRIMIDINYL ET PHENYL ET LEUR UTILISATION POUR LE CONTROLE DES PARASITES**
[72] GAUVRY, NOELLE, CH
[72] PAUTRAT, FRANCOIS, CH
[73] ELANCO TIERGESUNDHEIT AG, CH
[85] 2016-04-06
[86] 2014-11-14 (PCT/EP2014/074622)
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[25] FR
[54] **FLUID COMPOSITION FOR STIMULATION IN THE FIELD OF OIL OR GAS PRODUCTION**
[54] **COMPOSITION FLUIDE POUR LA STIMULATION DANS LE DOMAINE DE LA PRODUCTION DE PETROLE ET DE GAZ**
[72] BARRETO, GILLES, FR
[72] INOUBLI, RABER, FR
[73] ARKEMA FRANCE, FR
[85] 2016-04-11
[86] 2014-11-14 (PCT/FR2014/052912)
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[25] EN
[54] **SELECTING AN ACCESS POINT FOR WIRELESSLY CONNECTING TO A NETWORK**
[54] **SELECTION D'UN POINT D'ACCES DE CONNEXION SANS FIL A UN RESEAU**
[72] SALKINTZIS, APOSTOLIS K., GR
[72] FEATHERSTONE, WALTER, GB
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
[85] 2016-04-12
[86] 2014-10-16 (PCT/US2014/060836)
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[51] **Int.Cl. F26B 9/06 (2006.01) F26B 3/347 (2006.01)**
[25] EN
[54] **DRYER FOR PORTABLE ELECTRONICS**
[54] **SECHOIR POUR DISPOSITIFS ELECTRONIQUES PORTABLES**
[72] COOKSON, ADAM ROY, US
[72] JONES, ERIC ANDREW, US
[73] TEKDRY INTERNATIONAL, INC., US
[85] 2016-04-13
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[54] **SELF-ASSEMBLING PACKER**
[54] **GARNITURE D'ETANCHEITE A AUTO-ASSEMBLAGE**
[72] FRIPP, MICHAEL LINLEY, US
[72] MURPHREE, ZACHARY RYAN, US
[72] FROSELL, THOMAS JULES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BOTTLE**
[54] **BOUTEILLE**
[72] OSHINO, TADAYOSHI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[86] (2927579)
[87] (2927579)
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[25] EN
[54] **HIGH RESOLUTION DISTRIBUTED TEMPERATURE SENSING FOR DOWNHOLE MONITORING**
[54] **DETECTION DE TEMPERATURE DISTRIBUEE A HAUTE RESOLUTION POUR SURVEILLANCE DE FOND DE TROU**
[72] CHEN, JEFF, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-14
[86] 2014-09-24 (PCT/US2014/057262)
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[30] US (14/062,547) 2013-10-24

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[51] **Int.Cl. A61B 3/10 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING BIOMETRIC PROPERTIES OF AN EYE**
[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER LES PROPRIETES BIOMETRIQUES D'UN OEIL**
[72] VOGLER, KLAUS, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
[85] 2016-04-18
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[54] **VIBRATORY APPARATUS WITH TRANSPORT AND ASSEMBLY METHOD**
[54] **APPAREIL VIBRANT AVEC TRANSPORT ET PROCEDE D'ASSEMBLAGE**
[72] DICKINSON, ERIC, US
[72] LICHTENBERGER, WILLIAM GERALD, US
[73] GENERAL KINEMATICS CORPORATION, US
[85] 2016-04-28
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[25] EN
[54] **COMPOSITE TOOL HOLDER**
[54] **SUPPORT POUR OUTIL EN COMPOSITE**
[72] KAO, JUI-CHIEN, TW
[73] KAO, JUI-CHIEN, CN
[86] (2929841)
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[25] EN
[54] **DEVICES AND METHOD FOR SMELTERLESS RECYCLING OF LEAD ACID BATTERIES**
[54] **DISPOSITIFS ET PROCEDES POUR RECYCLAGE SANS FUSION DE BATTERIES AU PLOMB**
[72] CLARKE, STEPHEN R., US
[72] CLARKE, ROBERT LEWIS, US
[72] HURWITZ, MICHAEL DAVID, US
[72] KING, MICHAEL JOHN, US
[72] MOULD, SELWYN JOHN, US
[73] AQUA METALS INC., US
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[25] EN
[54] **TRACK CORNER CONNECTING DEVICE FOR SHOWER DOOR, SHOWER DOOR FRAME AND SHOWER DOOR**
[54] **DISPOSITIF DE CONNEXION DE COIN DE RAIL POUR PORTE DE DOUCHE, CADRE DE PORTE DE DOUCHE ET PORTE DE DOUCHE**
[72] WEI, WUXIANG, CN
[73] IDEAL SANITARY WARE CO., LTD., CN
[85] 2016-05-30
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[25] EN
[54] **TRAIN AND RAIL YARD MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES TRAINS ET DE DEPOTS DE RAILS**
[72] LEFEBVRE, WILLIAM, US
[72] BONNES, MATTHEW, US
[72] DRAGISH, DARREN, US
[72] MARTIN, ANDREW, US
[73] AMSTED RAIL COMPANY, INC., US
[85] 2016-05-26
[86] 2014-11-26 (PCT/US2014/067739)
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[51] **Int.Cl. B21D 24/00 (2006.01) B21D 22/26 (2006.01) B21D 24/12 (2006.01)**
[25] EN
[54] **PRESS-FORMING APPARATUS, METHOD FOR PRODUCING PRESS-FORMED PRODUCT USING THE FORMING APPARATUS, AND PRESS-FORMED PRODUCT**
[54] **DISPOSITIF DE MOULAGE A LA PRESSE, PROCEDE DE PRODUCTION D'ARTICLE MOULE A LA PRESSE UTILISANT LEDIT DISPOSITIF DE MOULAGE, ET ARTICLE MOULE A LA PRESSE**
[72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] OTSUKA, KENICHIRO, JP
[72] YONEBAYASHI, TORU, JP
[72] HARADA, RYUICHI, JP
[72] HASHIMOTO, KOJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-06-02
[86] 2014-12-02 (PCT/JP2014/006004)
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[25] EN
[54] **ANTI-MICROBIAL SURFACE COATINGS COMPRISING TITANIUM**
[54] **REVETEMENTS DE SURFACE ANTIMICROBIENS RENFERMANT DU TITANE**
[72] RYAN, DARRAGH, IE
[72] PILLAI, SURESH, IE
[72] CARROLL, JOANNA, IE
[73] DUBLIN INSTITUTE OF TECHNOLOGY, IE
[85] 2016-06-09
[86] 2014-12-12 (PCT/EP2014/077561)
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[30] GB (1322436.5) 2013-12-18

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[25] EN
[54] **NON-STEROIDAL ANTIANDROGENS AND SELECTIVE ANDROGEN RECEPTOR MODULATORS WITH A PYRIDYL MOIETY**
[54] **ANTIANDROGENES NON STEROIDIENS ET MODULATEURS DE RECEPTEUR D'ANDROGENE SELECTIFS AVEC UN FRAGMENT PYRIDYLE**
[72] LABRIE, FERNAND, CA
[72] SINGH, SHANKAR MOHAN, CA
[72] LABRECQUE, RICHARD, CA
[72] CIOBANU, LIVIU CONSTANTIN, CA
[73] ENDORECHERCHE, INC., CA
[85] 2016-06-14
[86] 2014-12-16 (PCT/CA2014/000894)
[87] (WO2015/089634)
[30] US (61/918,133) 2013-12-19
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[51] **Int.Cl. E04G 11/06 (2006.01)**
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[54] **CASING SHELL ELEMENT**
[54] **ELEMENT D'ENVELOPPE DE LOGEMENT**
[72] DINGLER, GERHARD, DE
[73] MEVA SCHALUNGS-SYSTEME GMBH, DE
[86] (2934234)
[87] (2934234)
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[51] **Int.Cl. E21B 49/08 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **INTERFEROMETRIC HIGH FIDELITY OPTICAL PHASE DEMODULATION**
[54] **DEMODULATION DE PHASE OPTIQUE HAUTE FIDELITE INTERFEROMETRIQUE**
[72] BARFOOT, DAVID A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-17
[86] 2014-02-28 (PCT/US2014/019232)
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[51] **Int.Cl. E05D 7/00 (2006.01)**
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[54] **HINGE ASSEMBLY FOR AN INSULATED GLASS DOOR**
[54] **ASSEMBLAGE DE CHARNIERE DESTINE A UNE PORTE VITREE ISOLEE**
[72] GOMPPER, BRION, US
[72] ROWLAND, JAMES, US
[72] ERFAN, ZOHREH, US
[73] COMPONENT HARDWARE GROUP, INC., US
[86] (2934696)
[87] (2934696)
[22] 2016-06-29
[30] US (62/189,585) 2015-07-07
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[51] **Int.Cl. B65G 47/84 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **METHODS FOR TRANSFERRING DISCRETE ARTICLES**
[54] **PROCEDES DE TRANSFERT D'ARTICLES INDIVIDUELS**
[72] PAPSDORF, CLIFFORD THEODORE, US
[72] SCHNEIDER, UWE, US
[73] THE PROCTOR & GAMBLE COMPANY, US
[86] (2935208)
[87] (2935208)
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[51] **Int.Cl. F04F 13/00 (2009.01) E21B 43/26 (2006.01)**
[25] EN
[54] **ROTARY ISOBARIC PRESSURE EXCHANGER SYSTEM WITH LUBRICATION SYSTEM**
[54] **SYSTEME ROTATIF ECHANGEUR DE PRESSIONS ISOBARES DOTE D'UN SYSTEME DE LUBRIFICATION**
[72] KRISH, PREM, US
[72] GHASRIPOOR, FARSHAD, US
[72] MARTIN, JEREMY GRANT, US
[73] ENERGY RECOVERY, INC., US
[85] 2016-06-27
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[13] C
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[25] EN
[54] **LOWER EXTREMITY ISOLATING LEG BRACE**
[54] **ORTHESE DE MEMBRE INFERIEUR ISOLANT UNE EXTREMITE INFERIEURE**
[72] ROBINSON, DAVID REID, CA
[73] ROBINSON, DAVID REID, CA
[86] (2935571)
[87] (2935571)
[22] 2016-07-08
[30] US (15/193,285) 2016-06-27

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[51] **Int.Cl. B65D 5/54 (2006.01)**
[25] EN
[54] **CONVERTIBLE CASE WITH DEPLOYABLE VENTILATION PANELS FOR SHIPPING AND DISPLAYING FOOD PRODUCTS**
[54] **CAISSE CONVERTIBLE AVEC PANNEAUX DE VENTILATION DEPLOYABLES POUR L'EXPEDITION ET LA PRESENTATION DE PRODUITS ALIMENTAIRES**
[72] HUMPHREY, LAURA G., US
[72] PRESHER, AMELIA S., US
[72] DUNKLE, CHRISTOPHER W., US
[72] KEEFE, WALTER D., JR., US
[72] STALLINGS, JOSEPH, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2016-07-07
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[25] EN
[54] **HEATING ELEMENT AND PROCESS HEATER**
[54] **ELEMENT CHAUFFANT ET DISPOSITIF DE CHAUFFAGE DE PROCESSUS**
[72] MANN, MARKUS, DE
[72] KRAMER, MICHAEL, DE
[73] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
[85] 2016-07-14
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[30] DE (10 2014 102 474.5) 2014-02-25

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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING THE POWER OUTPUT OF A PHOTOVOLTAIC CELL**
[54] **SYSTEME ET PROCEDE POUR GERER LA SORTIE DE COURANT D'UNE CELLULE PHOTOVOLTAIQUE**
[72] MCNAMARA, ROBERT P., US
[72] RAYMOND, DOUGLAS M., US
[73] SOLARLYTICS, INC., US
[85] 2016-07-15
[86] 2015-02-21 (PCT/US2015/016981)
[87] (WO2015/127323)
[30] US (61/943,127) 2014-02-21
[30] US (61/943,134) 2014-02-21
[30] US (61/947,326) 2014-03-03
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[51] **Int.Cl. G01J 3/02 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR IMPROVING THE SPECTRAL RESOLUTION AND SIGNAL-TO-NOISE RATIO OF OPTICAL SPECTROMETER USING DIGITAL BEAM REFOCUSING, REFORMING, SLICING, AND MULTIPLEXING**
[54] **SYSTEME, METHODE ET APPAREILLAGE SERVANT A AMELIORER LA RESOLUTION SPECTRALE ET LE RAPPORT SIGNAL-BRUIT D'UN SPECTROMETRE OPTIQUE AU MOYEN DE LA REFOCALISATION, DU REFORMAGE, DE LA DECOUPE ET DU MULTIPLEXAGE NUMERIQUES DU FAISCEAU**
[72] WONG, ALEXANDER SHEUNG LAI, CA
[72] KAZEMZADEH, FARNOUD, CA
[73] WONG, ALEXANDER SHEUNG LAI, CA
[73] KAZEMZADEH, FARNOUD, CA
[86] (2937230)
[87] (2937230)
[22] 2016-07-26
[30] US (62/199,732) 2015-07-31

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[25] EN
[54] **THRUST BEARING**
[54] **PALIER DE BUTEE**
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2016-07-19
[86] 2015-01-28 (PCT/JP2015/052317)
[87] (WO2015/115464)
[30] JP (2014-015684) 2014-01-30
[30] JP (2014-205054) 2014-10-03

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[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/00 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **RESPIRATORY ASSISTANCE DEVICE**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE**
[72] NITTA, KAZUFUKU, JP
[73] METRAN CO., LTD., JP
[85] 2016-07-26
[86] 2015-01-28 (PCT/JP2015/052378)
[87] (WO2015/115489)
[30] JP (2014-016732) 2014-01-31

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[51] **Int.Cl. E21B 19/07 (2006.01)**
[25] EN
[54] **SLIP INSERT WITH INTERRUPTED THREAD PROFILE**
[54] **INSERTION COULISSANTE DOTEE D'UN PROFIL FILETE INTERROMPU**
[72] WIEDEMANN, JIM, CA
[73] FORUM US, INC., US
[86] (2939668)
[87] (2939668)
[22] 2016-08-18
[30] US (14/873,977) 2015-10-02

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[51] **Int.Cl. B60W 20/10 (2016.01)**
[25] EN
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **MECANISME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] ASAMI, YOSHIKAZU, JP
[72] ANDO, DAIGO, JP
[72] NAWATA, HIDEKAZU, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2940790)
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[54] **SYSTEMS AND METHODS FOR AMMONIA PURIFICATION**
[54] **SYSTEMES ET PROCEDES D'EPURATION D'AMMONIAC**
[72] TAYLOR, MARTIN, US
[73] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
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[54] **STRINGER TRANSITION AND METHOD FOR PRODUCING COMPOSITE PARTS USING THE SAME**
[54] **TRANSITION DE LIMON ET METHODE DE PRODUCTION DE PIECES COMPOSITES AVEC CE MOYEN**
[72] BROOK, KENNETH L., US
[72] PATEL, NIRAJ, US
[72] MORRIS, JOHN D., US
[72] LEE, MICHAEL A., US
[73] THE BOEING COMPANY, US
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[54] **APPARATUS AND METHOD FOR MEASURING BIOLOGIC PARAMETERS**
[54] **APPAREIL ET PROCEDE DE MESURE DE PARAMETRES BIOLOGIQUES**
[72] ABREU, MARCIO MARC, US
[73] ABREU, MARCIO MARC, US
[86] (2944239)
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[54] **RAIL GUIDE APPARATUS FOR A RAIL LOADING AND UNLOADING MACHINE**
[54] **APPAREIL DE GUIDE RAIL DESTINE A UNE MACHINE DE CHARGEMENT ET DECHARGEMENT SUR RAIL**
[72] HERZOG, STANLEY M., US
[72] BOUNDS, IVAN E., US
[73] HERZOG RAILROAD SERVICES, INC., US
[86] (2945431)
[87] (2945431)
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[25] EN
[54] **TIGHT FASTENING TYPE SIZE-FREE CONTAINER CARRYING BAG**
[54] **SAC DE TRANSPORT DE CONTENANT A FERMETURE ETANCHE**
[72] MIYAMOTO, TAKEHISA, JP
[73] CB-BIZ LIMITED LIABILITY COMPANY, JP
[85] 2016-10-17
[86] 2016-06-08 (PCT/JP2016/067142)
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[25] EN
[54] **TURBINE STATOR VANE OF CERAMIC MATRIX COMPOSITE**
[54] **AUBE DE STATOR DE TURBINE CONSTITUEE PAR UN MATERIAU COMPOSITE A BASE DE CERAMIQUE**
[72] WATANABE, FUMIAKI, JP
[73] IHI CORPORATION, JP
[85] 2016-10-12
[86] 2015-06-29 (PCT/JP2015/068627)
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[25] EN
[54] **A WINDOW SHADE POCKET HAVING REMOVABLE BRACKETS TO SUPPORT CABLING AND ELECTRICAL COMPONENTS**
[54] **UNE POCHETTE DE TOILE DE FENETRE COMPORTANT DES SUPPORTS AMOVIBLES SERVANT A SOUTENIR LES CABLES ET LES COMPOSANTES ELECTRIQUES**
[72] HEBEISEN, STEPHEN P., US
[72] LIARNO, XI MING, US
[72] MIROSHNICHENKO, EUGENE, US
[72] WILK, JOHN, US
[73] MECHOSHADE SYSTEMS, INC., US
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[25] EN
[54] **METHOD FOR ENCODING IMAGE, METHOD FOR DECODING IMAGE, IMAGE ENCODER, AND IMAGE DECODER**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, CODEUR D'IMAGE ET DECODEUR D'IMAGE**
[72] LEE, BAE KEUN, KR
[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[73] KT CORPORATION, KR
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[25] EN
[54] **COMFORT NOISE ADDITION FOR MODELING BACKGROUND NOISE AT LOW BIT-RATES**
[54] **AJOUT DE BRUIT DE CONFORT POUR MODELER UN BRUIT D'ARRIERE-PLAN A DES DEBITS BINAIRES FAIBLES**
[72] FUCHS, GUILLAUME, DE
[72] LOMBARD, ANTHONY, DE
[72] RAVELLI, EMMANUEL, DE
[72] DOEHLA, STEFAN, DE
[72] LECOMTE, JEREMIE, DE
[72] DIETZ, MARTIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2948015)
[87] (2948015)
[22] 2013-12-19
[62] 2,895,391
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[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRANSMISSION**
[72] KITAZATO, NAOHISA, JP
[72] KITAHARA, JUN, JP
[72] YAMAGISHI, YASUAKI, JP
[73] SONY CORPORATION, JP
[85] 2016-11-04
[86] 2015-05-01 (PCT/JP2015/063059)
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[51] **Int.Cl. B64D 11/00 (2006.01) B25H 5/00 (2006.01) B60R 5/00 (2006.01)**
[25] EN
[54] **OVERHEAD LUGGAGE COMPARTMENT FOR AIRPLANES, AND AIRPLANE**
[54] **COMPARTIMENT A BAGAGES SUPERIEUR POUR AVIONS, ET AVION**
[72] KAMMERER, BERNHARD, AT
[72] SCHORKHUBER, JAKOB, AT
[73] FACC AG, AT
[85] 2016-11-09
[86] 2015-05-26 (PCT/AT2015/050131)
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[51] **Int.Cl. C12P 7/40 (2006.01) C12P 7/16 (2006.01) C12P 7/18 (2006.01)**
[25] EN
[54] **FERMENTATION PROCESS FOR THE PRODUCTION AND CONTROL OF PYRUVATE-DERIVED PRODUCTS**
[54] **PROCEDE DE FERMENTATION POUR LA PRODUCTION ET L'AJUSTEMENT DES PRODUITS DERIVES DU PYRUVATE**
[72] SMART, KATHLEEN FRANCES, US
[72] LY, BOI SAN, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-11-10
[86] 2015-05-20 (PCT/US2015/031857)
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[25] EN
[54] **LOAD-SUPPORTING SURFACE WITH INTERFACING GAP SEAL MEMBERS AND RELATED APPARATUS & METHODS**
[54] **SURFACE DE SUPPORT DE CHARGE A ELEMENTS DE JOINT D'ESPACE A INTERFACAGE ET APPAREIL ET METHODES ASSOCIES**
[72] EDWARDS, RICHARD LAMAR, JR., US
[72] BORDELON, RANDY PAUL, US
[72] MCDOWELL, JAMES KERWIN, US
[73] NEWPARK MATS & INTEGRATED SERVICES LLC, US
[85] 2016-11-15
[86] 2015-06-09 (PCT/US2015/034790)
[87] (WO2015/191503)
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[25] EN
[54] **SYSTEM AND APPARATUS COMPRISING A MULTISENSOR GUIDEWIRE FOR USE IN INTERVENTIONAL CARDIOLOGY**
[54] **SYSTEME ET APPAREIL COMPRENANT UN FIL-GUIDE A CAPTEURS MULTIPLES A UTILISER DANS DES INTERVENTIONS DE CARDIOLOGIE INTERVENTIONNELLE**
[72] CARON, ERIC, CA
[72] BILODEAU, LUC (DECEASED), CA
[73] THREE RIVERS CARDIOVASCULAR SYSTEMS INC., CA
[85] 2017-01-12
[86] 2015-07-10 (PCT/IB2015/055240)
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[25] EN
[54] **OPTICAL ASSEMBLIES WITH TILT-CONTROLLED MOUNTING OF AN OPTICAL ELEMENT IN A BARREL**
[54] **ENSEMBLES OPTIQUES AVEC MONTAGE A INCLINAISON CONTROLEE D'UN ELEMENT OPTIQUE DANS UN CYLINDRE**
[72] LAMONTAGNE, FREDERIC, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2017-01-23
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[54] **DRILLING COMPONENT RETENTION SYSTEM AND METHOD**
[54] **SYSTEME DE RETENUE DE COMPOSANTS DE FORAGE ET PROCEDE**
[72] GREENING, DOUG CHRISTIAN, CA
[72] BOWLEY, RYAN THOMAS, CA
[73] TESCO CORPORATION, US
[85] 2017-01-30
[86] 2015-07-15 (PCT/US2015/040639)
[87] (WO2016/018630)
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[54] **A DEPTH-ENCODED FIDUCIAL MARKER FOR INTRAOPERATIVE SURGICAL REGISTRATION**
[54] **UN MARQUEUR DE REPERE A CODAGE PROFOND DESTINE A L'ENREGISTREMENT CHIRURGICAL INTRAOPERATOIRE**
[72] MCLACHLIN, STEWART DAVID, CA
[72] ABHARI, KAMYAR, CA
[72] SELA, GAL, CA
[72] SHOUP, JARED ROWLAND, CA
[72] HYNNA, KAI MICHAEL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[86] (2960528)
[87] (2960528)
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[51] **Int.Cl. E03F 5/14 (2006.01)**
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[54] **METHOD FOR REPAIRING A TRAP AND APPARATUS THEREFOR**
[54] **METHODE REPARATION D'UN PIEGE ET APPAREIL ASSOCIE**
[72] BAIOCCO, DON, CA
[73] BAIOCCO CONSTRUCTION CORP., CA
[86] (2960683)
[87] (2960683)
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[54] **CURRENT CONTROLLER**
[54] **CONTROLEUR DE COURANT**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[86] (2961180)
[87] (2961180)
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[30] JP (2016-060531) 2016-03-24

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[51] **Int.Cl. C22F 1/05 (2006.01) C22C 21/02 (2006.01) C22C 21/08 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **AA6XXX ALUMINUM ALLOY SHEET WITH HIGH ANODIZED QUALITY AND METHOD FOR MAKING SAME**
[54] **TOLE D'ALLIAGE D'ALUMINIUM AA6XXX DE QUALITE ANODISEE ELEVEE ET SON PROCEDE DE FABRICATION**
[72] GUPTA, ALOK, CA
[72] KANG, DAEHOON, US
[72] KAMAT, RAJEEV G., US
[72] MATHUR, DEVESH, US
[73] NOVELIS INC., US
[85] 2017-03-14
[86] 2016-07-18 (PCT/US2016/042729)
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[25] EN
[54] **WALK BEHIND POWER EQUIPMENT WITH ZERO TURN CAPABILITY**
[54] **EQUIPEMENT A MOTEUR AUTOTRACTE AVEC CAPACITE DE BRAQUAGE NULLE**
[72] MANDEVILLE, KENNETH, US
[72] MODZIK, ANDY, US
[72] LAMBERT, MATT, US
[72] FANCHER, ROBERT, US
[72] BAKER, DAVID, US
[73] HUSQVARNA AB, SE
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[25] EN
[54] **SYSTEM AND PROCESS TO ENSURE PERFORMANCE OF MANDATED SAFETY AND MAINTENANCE INSPECTIONS**
[54] **SYSTEME ET PROCESSUS ASSURANT L'EFFICACITE D'INSPECTIONS MANDATEES DE SECURITE ET DE MAINTENANCE**
[72] MANEGOLD, ERIC S., US
[72] RUSSELL, ROBIE G., US
[72] BRINTON, WILLIAM, JR., US
[72] BRINTON, BRETT A., US
[72] MAYER, DANIEL R., US
[72] MCQUADE, CHARLES MICHAEL, US
[72] LUGASH, RICHARD, US
[73] ZONAR SYSTEMS, INC., US
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[54] **MATERIAL TRANSPORT AND DISTRIBUTION CONSIST WITH CONTROLLED GATED HOPPER CARS AND CONVEYOR SYSTEMS**
[54] **TRANSPORT ET DISTRIBUTION DE MATERIAU AVEC DES WAGONS-TREMIES A PORTES COMMANDEES ET DES SYSTEMES DE BANDE TRANSPORTEUSE**
[72] HERZOG, STANLEY M., US
[72] HERZOG, JACOB D., US
[72] BOUNDS, IVAN E., US
[73] HERZOG RAILROAD SERVICES, INC., US
[85] 2017-04-06
[86] 2015-11-05 (PCT/US2015/059285)
[87] (WO2016/073749)
[30] US (62/075,641) 2014-11-05
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[54] **LAP JOINT**
[54] **JOINT A RECOUVREMENT**
[72] URMSON, WILLIAM T., JR., US
[72] MOSPAN, JOHN W., US
[72] REMINGTON, JAMES A., US
[73] KOPPERS DELAWARE, INC., US
[86] (2964510)
[87] (2964510)
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[25] EN
[54] **WHEELCHAIR SEAT ASSEMBLY**
[54] **ENSEMBLE SIEGE DE FAUTEUIL ROULANT**
[72] GINGRAS, DAVID, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] HENAULT, LUC, CA
[73] MOTION COMPOSITES INC, CA
[85] 2017-04-20
[86] 2015-10-22 (PCT/CA2015/051075)
[87] (WO2016/061693)
[30] US (62/067,084) 2014-10-22

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[51] **Int.Cl. F17C 13/02 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **COMPOSITE PRESSURE TANK IDENTIFICATION AND TRACKING**
[54] **IDENTIFICATION ET LOCALISATION D'UN RESERVOIR COMPOSITE SOUS PRESSION**
[72] LEAVITT, MARK, US
[72] WARNER, MARK, US
[72] REA, DAVID, US
[72] PATEL, KETAN, US
[72] WEN, YONGKUI, US
[73] QUANTUM FUEL SYSTEMS LLC, US
[85] 2017-04-24
[86] 2015-10-13 (PCT/US2015/055395)
[87] (WO2016/064626)
[30] US (14/523,128) 2014-10-24

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[51] **Int.Cl. E21B 29/02 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] OAG, JAMIE, GB
[72] YOUNGER, RAE, GB
[72] PETTITT, ANDREW, GB
[72] CHAPMAN, BARRY, GB
[72] MCKAY, SIMON, GB
[72] WILKIE, DAVID JAMES, GB
[72] JOHNSTON, SIDNEY DANTUMA, GB
[72] FOX, JOHN, GB
[73] SPEX CORPORATE HOLDINGS LIMITED, GB
[85] 2017-04-25
[86] 2015-10-27 (PCT/GB2015/053226)
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[30] GB (1419168.8) 2014-10-28
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[25] EN
[54] **REUSABLE TAMPON APPLICATORS, METHODS OF MANUFACTURE, AND METHODS OF USE**
[54] **APPLICATEURS DE TAMPON REUTILISABLES, PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION**
[72] AGRAWAL, MIKI, US
[73] THINX INC., US
[85] 2017-05-01
[86] 2016-07-21 (PCT/US2016/043253)
[87] (WO2017/015426)
[30] US (62/195,295) 2015-07-22
[30] US (15/184,512) 2016-06-16

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[51] **Int.Cl. B27K 5/00 (2006.01) B65G 49/02 (2006.01)**
[25] EN
[54] **WOOD-THAWING INSTALLATION**
[54] **INSTALLATION DE DECONGELATION DE BOIS**
[72] FENKART, GERHARD, CH
[72] WIDU, ALFRED, AT
[73] SPRINGER MASCHINENFABRIK GMBH, AT
[85] 2017-05-05
[86] 2015-11-06 (PCT/AT2015/000140)
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[30] AT (A 815/2014) 2014-11-07

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[51] **Int.Cl. G08G 1/04 (2006.01) G06T 7/285 (2017.01) G06T 7/593 (2017.01) G06K 9/00 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A TRAFFIC SURVEILLANCE SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE SURVEILLANCE DE TRAFIC**
[72] BACKVALL, JOHAN, SE
[72] ARLIG, ULF, SE
[72] CRONA, BJORN, SE
[72] KARLSTROM, CHRISTIAN, SE
[73] KAPSCH TRAFFICCOM AB, SE
[85] 2017-05-10
[86] 2015-11-27 (PCT/EP2015/077862)
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[51] **Int.Cl. B01D 21/00 (2006.01) B03B 9/02 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING MFT USING ULTRA-THIN-LAYER DRYING**
[54] **METHODE ET APPAREIL DE TRAITEMENT DE MFT AU MOYEN DE SECHAGE PAR COUCHE ULTRA MINCE**
[72] MCLEOD, COLIN D., CA
[73] DRY TAILINGS INCORPORATED, CA
[86] (2968078)
[87] (2968078)
[22] 2017-05-23

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[51] **Int.Cl. B44C 5/04 (2006.01) B27N 7/00 (2006.01) B32B 21/02 (2006.01)**
[25] EN
[54] **METHOD FOR FINISHING A WOOD BOARD**
[54] **PROCEDE ET DISPOSITIF DE FINITION D'UN PANNEAU EN MATERIAU DERIVE DU BOIS**
[72] LEHNHOFF, INGO, DE
[72] OLDORFF, FRANK, DE
[73] FLOORING TECHNOLOGIES LTD., MT
[85] 2017-05-18
[86] 2015-10-09 (PCT/EP2015/001988)
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[30] EP (14003902.5) 2014-11-20

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[51] **Int.Cl. B29C 33/28 (2006.01)**
[25] EN
[54] **A TURNING DEVICE FOR TURNING A FIRST MOULD PART FOR MANUFACTURING A WIND TURBINE BLADE PART RELATIVE TO A SECOND MOULD PART**
[54] **DISPOSITIF DE RETOURNEMENT POUR RETOURNER UNE PREMIERE PARTIE DE MOULE DESTINEE A FABRIQUER UNE PIECE DE PALE D'EOLIENNE PAR RAPPORT A UNE SECONDE PARTIE DE MOULE**
[72] ANDERSEN, JEPPE TYLVAD, DK
[72] CHRISTIANSEN, ANJA DUCHER SPANDET, DK
[73] LM WP PATENT HOLDING A/S, DK
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[54] **INTRA-ORAL APPLIANCE FOR FIELD ISOLATION AND MOISTURE CONTROL**
[54] **APPAREIL INTRA-ORAL DESTINE A L'ISOLATION LOCALE ET AU CONTROLE DE L'HUMIDITE**
[72] CHANA, RANDEEP, CA
[72] WARD, ROBERT, CA
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[54] **SYSTEMS, METHODS AND DEVICES FOR MONITORING BETTING ACTIVITIES**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DESTINES A SURVEILLER LES ACTIVITES DE PARI**
[72] BULZACKI, ADRIAN, CA
[72] CAZAN, VLAD, CA
[73] ARB LABS INC., CA
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[54] **SERVICES DE GESTION D'AUTHENTIFICATION**
[72] HITCHCOCK, DANIEL W., US
[72] CAMPBELL, BRAD LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **INSTALLATION D'ADDITION D'ACIDE SULFURIQUE ET SON PROCEDE DE FONCTIONNEMENT**
[72] SAKAMOTO, TAKASHI, JP
[72] NAKAI, OSAMU, JP
[72] OKU, MASAYUKI, JP
[72] SATO, HIDEAKI, JP
[72] SHIRAI, SHO, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **SYSTEM FOR ENHANCING THE THERMAL RESISTANCE OF ROOFS AND WALLS OF BUILDINGS**
[54] **SYSTEME PERMETTANT D'AMELIORER LA RESISTANCE THERMIQUE DE TOITS ET DE MURS DE BATIMENTS**
[72] HOSTETLER, WILLIAM, US
[72] JOHNSON, TORI, US
[72] ROBINSON, CLIFF, US
[72] GRABMEIER, RICHARD, US
[73] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
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[54] **END EFFECTOR APPARATUS FOR A SURGICAL INSTRUMENT**
[54] **APPAREIL EFFECTEUR TERMINAL POUR INSTRUMENT CHIRURGICAL**
[72] ROBERT, RENE, US
[73] TITAN MEDICAL INC., CA
[85] 2017-10-13
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[54] **DRYER EXHAUST HEAT RECOVERY**
[54] **RECUPERATION DE CHALEUR D'EVACUATION DE SECHOIR**
[72] KNIGHT, JAMES, JR., US
[72] MITCHELL, OLAN WAYNE, US
[73] BIOLEAP, INC., US
[86] (2983967)
[87] (2983967)
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[54] **UN DISPOSITIF MATERIEL QUI PERMET LE CHIFFREMENT ET LE DECHIFFREMENT AU MOYEN D'UNE CLE GENEREE PAR UNE PUCE DE MODULE D'IDENTIFICATION D'ABONNE**
[72] LEE, JAMES, CA
[72] UNKNOWN, ZZ
[72] LEE, RICHARD, CA
[71] LEE, JAMES, CA
[71] LEE, RICHARD, CA
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[54] **ACCESS SYSTEM FOR ELEVATED LOAD SUPPORT STRUCTURES**
[54] **SYSTEME D'ACCES POUR STRUCTURES DE SUPPORT DE CHARGE ELEVEES**
[72] OLSON, BRIAN R., CA
[71] POWER PIN INC., CA
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[25] EN
[54] **MICRO DEVICE ARRANGEMENT IN DONOR SUBSTRATE**
[54] **ARRANGEMENT DE MICRO DISPOSITIF DANS UN SUBSTRAT DONNEUR**
[72] CHAJI, REZA, CA
[72] UNKNOWN, ZZ
[71] CHAJI, REZA, CA
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[54] **CLOSABLE COOKING POUCH**
[54] **POCHETTE DE CUISSON REFERMABLE**
[72] RICHARD, ALAIN, CA
[71] COOKINA HOLDINGS INC., CA
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[54] **SALT WATER DISTILLATION USING SOLAR PANELS**
[54] **DISTILLATION DE L'EAU DE MER A L'AIDE DE PANNEAUX SOLAIRES**
[72] ROJAS, MIGUEL, CA
[72] SAVADOGO, OUMAROU, CA
[71] ROJAS, MIGUEL, CA
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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **FURROW OPENER SHANK WITH SPOKED WHEEL**
[54] **TIGE D'OUVERTURE DE SILLON A ROUE A RAYONS**
[72] DILLON, PETER, CA
[71] DILLON, PETER, CA
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[25] EN
[54] **CLEANING TOOL HANDLE WITH SLIDING LOCKING FLEXIBLE EXTENSION**
[54] **MANCHE D'OUTIL DE NETTOYAGE A RALLONGE FLEXIBLE BLOQUANTE COULISSANTE**
[72] BERNAS, KERRY D., CA
[71] BERNAS, KERRY D., CA
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[54] **SMART CONNECTION TO DRIVER DROWSINESS DETECTION SYSTEMS FOR SAFE DRIVING**
[54] **CONNEXION INTELLIGENTE A DES SYSTEMES DE DETECTION DE SOMNOLENCE DU CONDUCTEUR EN VUE D'UNE CONDUITE SECURITAIRE**
[72] AN, YAN RU, CA
[71] AN, YAN RU, CA
[22] 2016-09-09
[41] 2018-03-09

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[51] **Int.Cl. B60H 1/26 (2006.01)**
[25] EN
[54] **PRESSURIZATION SYSTEM AND KIT FOR PRESSURIZING PICKUP TRUCK BED CLOSED AT ITS TOP BY A COVER**
[54] **SYSTEME DE MISE SOUS PRESSION ET TROUSSE DE PLATEFORME DE CAMION SOUS PRESSION FERMEE SUR LE DESSUS PAR UN COUVERCLE**
[72] WALDNER, RANDY, CA
[71] MAPLE GROVE PLASTICS INC., CA
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[54] **STAY IN LINE**
[54] **MAINTIEN D'ALIGNEMENT**
[72] ADEOKUN LAWRENCE O., CA
[71] ADEOKUN LAWRENCE O., CA
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[54] **CUTTING BLADES FOR ROTARY CUTTER**
[54] **LAMES DE COUPE DESTINEES A UN APPAREIL DE COUPE ROTATIF**
[72] PANASIUK, DIANE, CA
[71] PANASIUK, DIANE, CA
[22] 2016-09-08
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[54] **ROOF EDGE SNOW DEFLECTOR**
[54] **DEFLECTEUR DE NEIGE EN BORDURE DE TOIT**
[72] FERNANDEZ, XAVIER V., CA
[71] FERNANDEZ, XAVIER V., CA
[22] 2016-09-06
[41] 2018-03-06

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[51] **Int.Cl. H04W 48/04 (2009.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRVENTING USE OF A MOBILE DEVICE WHILE OPERATING A VEHICLE**
[54] **APPAREIL ET METHODE DE PREVENTION D'UTILISATION D'UN DISPOSITIF MOBILE PENDANT LA CONDUITE D'UN VEHICULE**
[72] POULAIN, ANGUS, CA
[72] POULAIN, JOSH, CA
[71] DRIVECARE TECHNOLOGIES INC., CA
[22] 2016-09-08
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[51] **Int.Cl. G01N 33/48 (2006.01) C12N 5/078 (2010.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **ERYTHROCYTE-DERIVED EXTRACELLULAR VESICLES AS A BIOMARKER FOR CLINICALLY ASSESSING PARKINSON'S DISEASE**
[54] **VESICULES EXTRACELLULAIRES DERIVEES D'ERYTHROCYTE COMME BIOMARQUEUR D'EVALUATION CLINIQUE DE MALADIE DE PARKINSON**
[72] CICCHETTI, FRANCESCA, CA
[72] BOILARD, ERIC, CA
[72] LACROIX, STEVE, CA
[72] ST-AMOUR, ISABELLE, CA
[71] UNIVERSITE LAVAL, CA
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[54] **REASON TO SEASON WINE SALTS AND SEASONINGS**
[54] **ASSAISONNEMENTS ET SELS DE VIN**
[72] STEWART, WENDY J., CA
[71] STEWART, WENDY J., CA
[22] 2016-09-07
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[51] **Int.Cl. B25J 1/00 (2006.01)**
[25] EN
[54] **GRAVITY ASSIST SYSTEM**
[54] **SYSTEME ASSISTE PAR GRAVITE**
[72] MCMUNN, CLAYTON WILFORD RUSSELL, CA
[72] NILSSON, JAN PETER, CA
[71] KAL TIRE, CA
[22] 2016-09-09
[41] 2018-03-09

[21] **2,942,705**
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[51] **Int.Cl. B65D 3/20 (2006.01)**
[25] EN
[54] **PAPER CUP, A BLANK FOR A PAPER CUP, AND USE OF A PAPER CUP**
[54] **GOBELET EN PAPIER, UNE EBAUCHE DESTINEE A UN GOBELET EN PAPIER ET UTILISATION D'UN GOBELET EN PAPIER**
[72] LI, ALAN, FI
[71] METSA BOARD OYJ, FI
[22] 2016-09-22
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[25] EN
[54] **UNIVERSAL JOINT FOR DOWNHOLE MOTOR DRIVE**
[54] **JOINT UNIVERSEL DESTINE A UN ENTRAINEMENT MOTEUR DE FOND DE TROU**
[72] LAGRANGE, TIMOTHY EDWARD, CA
[72] ROBERTS, PAUL DONALD, US
[71] LAGRANGE, TIMOTHY EDWARD, CA
[71] ROBERTS, PAUL DONALD, US
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[54] **CONTENANT DE RANGEMENT**
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[71] LIU, SHENG-YU, TW
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[54] **SYSTEME DE DIVISEUR DE TAPIS**
[72] RODARTE GARCIA, ANTERO, MX
[71] RODARTE GARCIA, ANTERO, MX
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[25] EN
[54] **GAS TURBINE ENGINE COMPRESSOR IMPELLER COOLING AIR SINKS**
[54] **PUITS D'AIR DE REFROIDISSEMENT D'HELICE DE COMPRESSEUR DE TURBINE A GAZ**
[72] LAMBERT, TONY A., US
[72] KAPADIA, BEHRAM V., US
[72] HALL, RON, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[54] **CHRISTMAS TREE LIGHTS HANGER**
[54] **DISPOSITIF DE SUSPENSION DE LUMIERES D'ARBRE DE NOEL**
[72] BENNETT, ALBERT, CA
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[54] **MEASUREMENT RING FOR FLUID FLOW IN A PIPELINE**
[54] **BAGUE DE MESURE DE DEBIT DE FLUIDE DANS UN PIPELINE**
[72] SAWCHUK, BLAINE, CA
[72] SELIRIO, REGINALD, CA
[72] SELIRIO, RAPHAEL, CA
[72] SAWCHUK, DANIEL, CA
[71] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
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[54] **METHOD OF ADMINISTRATION OF CHROMIUM AND MAGNESIUM SULFATE FOR TREATMENT OF ACNE**
[54] **METHODE D'ADMINISTRATION DE SULFATE DE CHROME ET DE MAGNESIUM EN VUE DU TRAITEMENT DE L'ACNEE**
[72] RUSSELL, KENNETH O., US
[71] RUSSELL, KENNETH O., US
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[25] EN
[54] **FAN CONTAINMENT CASE FOR A GAS TURBINE ENGINE**
[54] **BOITIER DE CONFINEMENT DE SOUFFLANTE DESTINE A UNE TURBINE A GAZ**
[72] KAPPES, MATTHEW J., US
[72] HEETER, ROBERT W., US
[72] HODGSON, BENEDICT N., US
[71] ROLLS-ROYCE CORPORATION, US
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[25] EN
[54] **SYSTEM, METHOD, AND APPLICATION FOR EXCHANGING CONTENT IN A SOCIAL NETWORK ENVIRONMENT**
[54] **SYSTEME, METHODE ET DEMANDE D'ECHANGE DE CONTENU DANS UN ENVIRONNEMENT DE RESEAU SOCIAL**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[71] REMOTE MEDIA, LLC, US
[22] 2017-05-03
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[54] **MODULAR PLANT GROWTH APPARATUS**
[54] **APPAREIL MODULAIRE DE CROISSANCE DE VEGETAUX**
[72] TYINK, ALEXANDER R., US
[71] FORK FARMS LLC, US
[22] 2017-05-26
[41] 2018-03-08
[30] US (15/259,340) 2016-09-08

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[13] A1
[51] **Int.Cl. F01D 11/20 (2006.01) F01D 11/24 (2006.01)**
[25] EN
[54] **NOISE-MITIGATING TRANSFER DUCT FOR ACTIVE TIP CLEARANCE CONTROL SYSTEM OF GAS TURBINE ENGINE**
[54] **CONDUIT DE TRANSFERT ATTENUANT LE BRUIT DESTINE A UN SYSTEME DE CONTROLE DE DEGAGEMENT DE POINTE ACTIF D'UNE TURBINE A GAZ**
[72] CHEN, LI-JEN, CA
[72] JOSHI, NINAD, CA
[72] MESLIOUI, SID-ALI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-26
[41] 2018-03-09
[30] US (15/260,404) 2016-09-09

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[25] EN
[54] **REINFORCED FAN CONTAINMENT CASE FOR A GAS TURBINE ENGINE**
[54] **BOITIER DE CONFINEMENT DE SOUFFLANTE RENFORCE DESTINE A UNE TURBINE A GAZ**
[72] HEETER, ROBERT W., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-06-12
[41] 2018-03-06
[30] US (15/351,009) 2016-11-14
[30] US (15/257,206) 2016-09-06

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[51] **Int.Cl. A01D 34/82 (2006.01) A01D 34/63 (2006.01)**
[25] EN
[54] **ROTARY CUTTER WITH HAMMER CUTTING ELEMENT**
[54] **APPAREIL DE COUPE ROTATIF DOTE D'UN ELEMENT DE COUPE A PERCUSSION**
[72] GONZALEZ, IVAN ALEJANDRO, MX
[72] HARVEY, BERNARDO, MX
[72] GARCIA, CESAR, MX
[71] DEERE & COMPANY, US
[22] 2017-06-27
[41] 2018-03-06
[30] US (15/257,695) 2016-09-06

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[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **DEPLOYABLE ULTRAVIOLET LIGHT SANITIZING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ASSAINISSEMENT AU RAYONNEMENT ULTRAVIOLET DEPLOYABLE**
[72] CHILDRESS, JAMIE, US
[72] KING, TERESA A., US
[71] THE BOEING COMPANY, US
[22] 2017-07-18
[41] 2018-03-08
[30] US (15/259685) 2016-09-08

[21] **2,974,134**
[13] A1
[51] **Int.Cl. G01V 1/32 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SEISMIC DATA PROCESSING**
[54] **METHODE ET SYSTEME DE TRAITEMENT DE DONNEES SISMIQUES**
[72] LIU, ZHICHENG, CN
[72] XU, LU, CN
[72] XIE, JIN'E, CN
[72] JIA, CHUNMEI, CN
[72] SONG, LIN, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SINOPEC GEOPHYSICAL RESEARCH INSTITUTE, CN
[22] 2017-07-19
[41] 2018-03-09
[30] CN (201610812740.4) 2016-09-09

[21] **2,974,146**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01) G08B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING A GRAPHICAL REPRESENTATION OF A FIRE SYSTEM NETWORK AND IDENTIFYING NETWORK INFORMATION FOR PREDICTING NETWORK FAULTS**
[54] **SYSTEMES ET METHODES DE GENERATION D'UNE REPRESENTATION GRAPHIQUE D'UN RESEAU D'ALARME INCENDIE ET D'IDENTIFICATION D'INFORMATION RESEAU EN VUE DE LA PREDICTION DE DEFAILLANCES DURESEAU**
[72] NARAHARISETTI, KANAKA NAGENDRA PRASAD, US
[72] SINGAM, KIRAN REDDY, US
[72] NALUKURTHY, RAJESHBABU, US
[72] VANKATESH, BALAMURUGAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-07-18
[41] 2018-03-06
[30] US (15/257,253) 2016-09-06

[21] **2,974,245**
[13] A1
[51] **Int.Cl. B64F 5/40 (2017.01) B64C 1/00 (2006.01)**
[25] EN
[54] **METHOD OF REPAIRING DAMAGE TO FUSELAGE BARREL AND ASSOCIATED APPARATUS AND SYSTEM**
[54] **METHODE DE REPARATION DE DOMMAGE AU CORPS DE FUSELAGE ET APPAREILLAGE ET SYSTEME ASSOCIES**
[72] STAAL, REMMELT ANDREW, US
[72] NERSESSIAN, NARBEH, US
[72] OAKES, GARY D., US
[71] THE BOEING COMPANY, US
[22] 2017-07-19
[41] 2018-03-07
[30] US (15/258,919) 2016-09-07

[21] **2,975,134**
[13] A1
[51] **Int.Cl. A62C 35/02 (2006.01)**
[25] EN
[54] **EXPULSION OF A FIRE SUPPRESSANT FROM A CONTAINER**
[54] **EXPULSION D'UN AGENT EXTINCTEUR D'UN CONTENANT**
[72] WRIGHT, ROBERT S., US
[71] THE BOEING COMPANY, US
[22] 2017-08-01
[41] 2018-03-07
[30] US (15/258,726) 2016-09-07

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[13] A1
[51] **Int.Cl. H04W 88/06 (2009.01) H04W 12/08 (2009.01) H04W 48/08 (2009.01) H04W 4/80 (2018.01)**
[25] EN
[54] **METHOD AND DEVICES FOR TRANSMITTING A SECURED DATA PACKAGE TO A COMMUNICATION DEVICE**
[54] **METHODE ET DISPOSITIFS DE TRANSMISSION DE GROUPEMENT DE DONNEES SECURISE A UN DISPOSITIF DE COMMUNICATION**
[72] BUCK, MARTIN, CH
[72] PLUSS, PETER, CH
[72] PLUSS, MARCEL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[22] 2017-08-03
[41] 2018-03-06
[30] CH (01149/16) 2016-09-06

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[13] A1
[51] **Int.Cl. G05D 1/08 (2006.01) A63H 27/127 (2006.01) A63H 27/24 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **ORIENTATION CONTROL METHOD FOR DRONE**
[54] **METHODE DE CONTROLE D'ORIENTATION D'UN DRONE**
[72] LIAO, TZU-CHUAN, TW
[71] BALTEK CO., LIMITED, CN
[22] 2017-08-09
[41] 2018-03-08
[30] TW (105129173) 2016-09-08

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[13] A1
[51] **Int.Cl. F01D 25/18 (2006.01) F01D 15/10 (2006.01) F01D 25/20 (2006.01) H02K 9/26 (2006.01)**
[25] EN
[54] **SHARED OIL SYSTEM ARRANGEMENT FOR AN ENGINE COMPONENT AND A GENERATOR**
[54] **ARRANGEMENT DE SYSTEME D'HUILE PARTAGE DESTINE A UNE COMPOSANTE DE MOTEUR ET UN GENERATEUR**
[72] WADDLETON, DAVID, CA
[72] MCGUIRE, DANIEL MATTHEW, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-07
[41] 2018-03-07
[30] US (62/384,442) 2016-09-07
[30] US (15/418,932) 2017-01-30

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[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01) A47B 21/00 (2006.01) A47B 97/04 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **SUPPORT COLUMN SYSTEM FOR SUPPORTING AT LEAST ONE COMPUTER INSTALLATION**
[54] **SYSTEME DE COLONNE DE SUPPORT SERVANT A SUPPORTER AU MOINS UNE INSTALLATION INFORMATIQUE**
[72] DIEKROGER, UWE, DE
[71] BERNSTEIN AG, DE
[22] 2017-08-16
[41] 2018-03-08
[30] DE (10 2016 116 831.9) 2016-09-08

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[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01) F16M 11/04 (2006.01) F16M 11/22 (2006.01)**
[25] EN
[54] **SUPPORT COLUMN SYSTEM FOR SUPPORTING AT LEAST ONE COMPUTER INSTALLATION, AND SUPPORT COLUMN THEREFOR**
[54] **SYSTEME DE COLONNE DE SUPPORT SERVANT A SUPPORTER AU MOINS UNE INSTALLATION INFORMATIQUE, ET COLONNE DE SUPPORT ASSOCIEE**
[72] DIEKROGER, UWE, DE
[71] BERNSTEIN AG, DE
[22] 2017-08-16
[41] 2018-03-08
[30] DE (10 2016 116 830.0) 2016-09-08

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[21] **2,976,931**
[13] A1
[51] **Int.Cl. G01M 11/02 (2006.01)**
[25] FR
[54] **PROCESS AND DEVICE FOR CHARACTERIZATION OF ABERRATIONS IN AN OPTICAL SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE CARACTERISATION DES ABERRATIONS D'UN SYSTEME OPTIQUE**
[72] DELVIT, JEAN-MARC, FR
[72] LATRY, CHRISTOPHE, FR
[72] THIEBAUT, CAROLE, FR
[72] BLANCHET, GWENDOLINE, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR
[22] 2017-08-22
[41] 2018-03-06
[30] FR (16 58275) 2016-09-06

[21] **2,976,944**
[13] A1
[51] **Int.Cl. G01M 15/02 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **TURBOMACHINE TEST BENCH WITH ACTIVE NOISE CONTROL**
[54] **BANC D'ESSAI DE TURBOMACHINE A CONTROLE ACTIF DU BRUIT**
[72] MEYS, BENOIT, BE
[72] LACROIX, ALAIN, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2017-08-22
[41] 2018-03-05
[30] BE (2016/5678) 2016-09-05

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[13] A1
[51] **Int.Cl. B65D 17/00 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **LAMINATE STRUCTURE FOR RESEALABLE PACKAGE**
[54] **STRUCTURE LAMELLAIRE DESTINEE A UN EMBALLAGE REFERMABLE**
[72] BRANYON, JACOB DONALD PRUE, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-08-18
[41] 2018-03-06
[30] US (15/256793) 2016-09-06

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[21] **2,977,074**
[13] A1
[51] **Int.Cl. A63F 13/52 (2014.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR AUTOMATIC ZOOM WHEN PLAYING AN AUGMENTED REALITY SCENE**
[54] **METHODES, DISPOSITIFS ET SYSTEMES D'AGRANDISSEMENT AUTOMATIQUE LORS D'UN JEU DE SCENE EN REALITE AUGMENTEE**
[72] LAURENT, ANTHONY, FR
[72] JOUET, PIERRICK, FR
[72] BAILLARD, CAROLINE, FR
[71] THOMSON LICENSING, FR
[22] 2017-08-22
[41] 2018-03-06
[30] EP (16306115.3) 2016-09-06

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[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01) B33Y 40/00 (2015.01) B33Y 70/00 (2015.01) G03G 7/00 (2006.01)**
[25] EN
[54] **SUPPORT MATERIAL COMPRISING POLYVINYLALCOHOL AND ITS USE IN XEROGRAPHIC ADDITIVE MANUFACTURING**
[54] **MATERIAU DE SUPPORT RENFERMANT DE L'ALCOOL POLYVINYLIQUE ET SON UTILISATION DANS LA FABRICATION D'ADDITIF XEROGRAPHIQUE**
[72] SAMBHY, VARUN, US
[72] FACCI, JOHN S., US
[72] ROBLES-FLORES, ELIUD, US
[72] DERLETH, DAVID S., US
[72] CRAIG, DAVID C., US
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-07
[30] US (15/258190) 2016-09-07

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[13] A1
[51] **Int.Cl. C09D 7/42 (2018.01) C09D 7/63 (2018.01) C09D 201/00 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSION OF KETO-FUNCTIONALIZED POLYMER PARTICLES AND POLYMER BEADS**
[54] **DISPERSION AQUEUSE DE PARTICULES POLYMERIQUES A CETO-FONCTIONNALISEES ET BILLES DE POLYMERE**
[72] CONNER, DAVID, US
[72] GALLAGHER, JOY A., US
[72] HARSH, PHILIP R., US
[72] MAJUMDAR, PARTHA S., US
[72] NUNGESSER, EDWIN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2017-08-21
[41] 2018-03-09
[30] US (62/385497) 2016-09-09

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[13] A1
[51] **Int.Cl. F16N 31/00 (2006.01) B64D 35/00 (2006.01) F02C 7/06 (2006.01) F16H 57/04 (2010.01) F16N 7/38 (2006.01)**
[25] FR
[54] **LUBRICATION DEVICE EQUIPPED WITH RECOVERY RESERVOIRS FOR THE LUBRICATING LIQUID AND OPTIMIZED AND DEPENDABLE DELIVERY MEANS TOWARDS A MAIN RESERVOIR**
[54] **DISPOSITIF DE LUBRIFICATION MUNI DE PLUSIEURS RESERVOIRS DE RECUPERATION DU LIQUIDE DE LUBRIFICATION ET DE MOYENS D'ACHEMINEMENT OPTIMISES ET FIABLES VERS UN RESERVOIR PRINCIPAL**
[72] DE MEERSCHMAN, OLIVIER, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2017-08-21
[41] 2018-03-09
[30] FR (1601333) 2016-09-09

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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) B64D 47/00 (2006.01)**
[25] EN
[54] **IMPROVED AIRCRAFT CONTROL BASED ON FUEL, TIME, AND DETERIORATION COSTS**
[54] **VERIFICATION D'AERONEF AMELIOREE FONDEE SUR LES COUTS DE CARBURANT, TEMPS ET DETERIORATION**
[72] ELLIS, ALBERT JEFFREY, US
[72] DARNELL, MARK LAWRENCE, US
[72] LAX, DAVID MICHAEL, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-08-24
[41] 2018-03-08
[30] US (62/384,883) 2016-09-08
[30] US (15/651,276) 2017-07-17

[21] **2,977,268**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/44 (2006.01) C02F 9/00 (2006.01) E03B 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING POTABLE WATER FROM STORMWATER**
[54] **SYSTEME ET METHODE DE PRODUCTION D'EAU POTABLE A PARTIR D'EAU DE RUISSELLEMENT**
[72] ALBERS, CORY, CA
[72] AMELL, BERNARD, CA
[71] ALBERS, CORY, CA
[71] AMELL, BERNARD, CA
[22] 2017-08-25
[41] 2018-03-06
[30] US (62/384,033) 2016-09-06

[21] **2,977,314**
[13] A1
[51] **Int.Cl. E04B 1/32 (2006.01) E01D 4/00 (2006.01)**
[25] EN
[54] **ARCH-SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT D'ARCHE**
[72] SIMONSON, ROBERT, CA
[71] EXCEL PROJECT MANAGEMENT LTD., CA
[22] 2017-08-25
[41] 2018-03-09
[30] US (15260526) 2016-09-09

[21] **2,977,392**
[13] A1
[51] **Int.Cl. G01N 1/22 (2006.01) F24F 3/16 (2006.01) G01N 1/40 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF TESTING FOR AIRBORNE PATHOGENS, TOXINS, POLLUTANTS AND/OR CONTAMINANTS**
[54] **SYSTEME ET METHODE DE TEST DE PRESENCE DE PATHOGENES, TOXINES, POLLUANTS OU CONTAMINANTS AEROPORTES**
[72] MAGEE, EDWARD GEORGE, CA
[71] DELTA M INCORPORATED, CA
[22] 2017-08-28
[41] 2018-03-09
[30] US (62/385,458) 2016-09-09

[21] **2,977,463**
[13] A1
[51] **Int.Cl. G01N 21/78 (2006.01) A61M 1/14 (2006.01) G01N 19/00 (2006.01)**
[25] EN
[54] **COLORIMETRIC GAS DETECTION**
[54] **DETECTION DE GAZ PAR COLORIMETRIE**
[72] GERBER, MARTIN T., US
[72] LURA, DAVID B., US
[72] KELLEY, SHAWN, US
[71] MEDTRONIC, INC., US
[22] 2017-08-25
[41] 2018-03-09
[30] US (62/385,949) 2016-09-09
[30] US (15/677,645) 2017-08-15

[21] **2,977,465**
[13] A1
[51] **Int.Cl. G01N 21/17 (2006.01) A61M 1/14 (2006.01) G01N 21/25 (2006.01) G01N 21/53 (2006.01)**
[25] EN
[54] **FLUID SENSOR APPARATUS**
[54] **APPAREIL DE DETECTEUR DE FLUIDE**
[72] LURA, DAVID B., US
[72] KELLEY, SHAWN, US
[72] GERBER, MARTIN T., US
[71] MEDTRONIC, INC., US
[22] 2017-08-25
[41] 2018-03-09
[30] US (62/385,946) 2016-09-09
[30] US (15/677,261) 2017-08-15

[21] **2,977,466**
[13] A1
[51] **Int.Cl. G01N 21/77 (2006.01) A61M 1/14 (2006.01) G01N 21/80 (2006.01)**
[25] EN
[54] **FLUID SENSOR CARD**
[54] **CARTE DE DETECTEUR DE FLUIDE**
[72] LURA, DAVID B., US
[72] KELLEY, SHAWN, US
[71] MEDTRONIC, INC., US
[22] 2017-08-25
[41] 2018-03-09
[30] US (62/385,940) 2016-09-09
[30] US (15/677,338) 2017-08-15

[21] **2,977,476**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) A61M 5/36 (2006.01) A61M 1/14 (2006.01)**
[25] EN
[54] **GAS BUBBLE DETECTOR**
[54] **DETECTEUR DE BULLE DE GAZ**
[72] GERBER, MARTIN T., US
[72] LURA, DAVID B., US
[72] KELLEY, SHAWN, US
[71] MEDTRONIC, INC., US
[22] 2017-08-25
[41] 2018-03-09
[30] US (62/385,931) 2016-09-09
[30] US (15/677,536) 2017-08-15

[21] **2,977,755**
[13] A1
[51] **Int.Cl. H01Q 9/04 (2006.01) H04W 88/02 (2009.01) H01Q 1/38 (2006.01) H05K 1/18 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **DEVICE WITH CAVITY-BACKED ANTENNA ARRAY INTEGRATED IN A METAL CASING**
[54] **DISPOSITIF DOTE D'UN RESEAU D'ANTENNE PROTEGE PAR UNE CAVITE DANS UN BOITIER METALLIQUE**
[72] STEYER, JEAN-MARIE, FR
[72] MINARD, PHILIPPE, FR
[72] BERTIN, JEAN-PIERRE, FR
[72] AUBIN, ANTHONY, FR
[71] THOMSON LICENSING, FR
[22] 2017-08-29
[41] 2018-03-09
[30] EP (16306131.0) 2016-09-09

[21] **2,977,775**
[13] A1
[51] **Int.Cl. H02K 15/02 (2006.01) H02K 1/22 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING LAMINATED ROTOR CORE AND APPARATUS FOR MANUFACTURING LAMINATED ROTOR CORE**
[54] **METHODE DE FABRICATION D'UN NOYAU DE ROTOR STRATIFIE ET APPAREIL DE FABRICATION D'UN NOYAU DE ROTOR STRATIFIE**
[72] NAGAI, AKIRA, JP
[72] KATSUKI, KENJI, JP
[72] KATO, GO, JP
[71] MITSUI HIGH-TEC, INC., JP
[22] 2017-08-30
[41] 2018-03-09
[30] JP (2016-176553) 2016-09-09

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[13] A1
[51] **Int.Cl. F04B 25/00 (2006.01) E21B 43/16 (2006.01) E21B 43/18 (2006.01) F04B 39/06 (2006.01) F04B 39/16 (2006.01) F04B 49/06 (2006.01) F24F 13/14 (2006.01)**
[25] EN
[54] **IMPROVED COMPRESSOR FOR GAS LIFT OPERATIONS, AND METHOD FOR INJECTING A COMPRESSIBLE GAS MIXTURE**
[54] **COMPRESSEUR AMELIORE DESTINE A DES OPERATIONS DE PUISAGE AU GAZ ET METHODE D'INJECTION D'UN MELANGE DE GAZ COMPRESSIBLE**
[72] ELMER, WILLIAM G., US
[71] ENCLINE ARTIFICIAL LIFT TECHNOLOGIES LLC, US
[22] 2017-08-30
[41] 2018-03-08
[30] US (15/678,066) 2017-08-15
[30] US (62/385,103) 2016-09-08

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[13] A1
[51] **Int.Cl. B62D 25/04 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **B-PILLAR FOR A MOTOR VEHICLE BODY AS WELL AS MOTOR VEHICLE BODY HAVING SUCH A B-PILLAR**
[54] **PIED MILIEU DESTINE A UN CHASSIS DE VEHICULE A MOTEUR ET CHASSIS DE VEHICULE A MOTEUR COMPORTANT UN TEL PIED MILIEU**
[72] STEFFENS, HUBERTUS, DE
[72] SPIELVOGEL, BERNHARD, AT
[71] MUHR UND BENDER KG, DE
[22] 2017-08-31
[41] 2018-03-07
[30] DE (10 2016 116 787.8) 2016-09-07

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[13] A1
[51] **Int.Cl. B60K 1/04 (2006.01) B60K 15/063 (2006.01) B60R 16/02 (2006.01) B60R 16/04 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] GOITSUKA, SHINYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-08-30
[41] 2018-03-05
[30] JP (2016-172879) 2016-09-05

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[13] A1
[51] **Int.Cl. C22C 19/07 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **COBALT-BASED CLADDING ALLOY FOR ENGINE VALVE AND ENGINE**
[54] **ALLIAGE DE REVETEMENT A BASE DE COBALT DESTINE A UNE SOUPAPE DE MOTEUR ET MOTEUR**
[72] KAMO, YUKI, JP
[72] ANDO, KIMIHIKO, JP
[72] SHINOHARA, NOBUYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-09-01
[41] 2018-03-08
[30] JP (2016-175665) 2016-09-08

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[13] A1
[51] **Int.Cl. H02K 1/22 (2006.01) F16B 39/24 (2006.01)**
[25] EN
[54] **ROTARY ELECTRIC ROTOR AND METHOD OF MANUFACTURING ROTARY ELECTRIC ROTOR**
[54] **ROTOR ELECTRIQUE ROTATIF ET METHODE DE FABRICATION D'UN ROTOR ELECTRIQUE ROTATIF**
[72] TAKEUCHI, YUSHI, JP
[72] FUBUKI, SHINGO, JP
[72] KINOSHITA, YASUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-09-01
[41] 2018-03-08
[30] JP (2016-175126) 2016-09-08

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[13] A1
[51] **Int.Cl. G06K 9/62 (2006.01)**
[25] FR
[54] **RECOGNITION PROCESS FOR RAISED CHARACTERS, CORRESPONDING COMPUTER PROGRAM AND DEVICE**
[54] **PROCEDE DE RECONNAISSANCE DE CARACTERES EN RELIEFS, PRODUIT PROGRAMME D'ORDINATEUR ET DISPOSITIF CORRESPONDANTS**
[72] QUENTIN, PIERRE, FR
[72] GERAUD, REMI, FR
[71] INGENICO GROUP, FR
[22] 2017-09-05
[41] 2018-03-05
[30] FR (1658228) 2016-09-05

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[21] **2,978,276**
[13] A1
[51] **Int.Cl. H01Q 1/50 (2006.01) H04W 88/02 (2009.01) H01Q 1/38 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTENNA FEEDER CONFIGURED FOR FEEDING AN ANTENNA INTEGRATED WITHIN AN ELECTRONIC DEVICE**
[54] **CABLE D'ALIMENTATION D'ANTENNE CONFIGURE POUR ALIMENTER UNE ANTENNE INTEGREE DANS UN DISPOSITIF ELECTRONIQUE**
[72] STEYER, JEAN-MARIE, FR
[72] MINARD, PHILIPPE, FR
[72] BERTIN, JEAN-PIERRE, FR
[72] AUBIN, ANTHONY, FR
[71] THOMSON LICENSING, FR
[22] 2017-09-05
[41] 2018-03-09
[30] EP (16306133.6) 2016-09-09

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **DECISION SUPPORT SYSTEM FOR OPTIMIZING THE UNIT IDENTIFIER STOCKING DECISION**
[54] **SYSTEME DE SOUTIEN A LA DECISION VISANT L'OPTIMISATION DE LA DECISION DE STOCKER UN IDENTIFIANT D'UNITE**
[72] KALRA, AMIT, US
[72] RANGWALA, MAIMUNA, US
[72] ARDJMAND, EHSAN, US
[72] DEJESSE, CHRISTINE, US
[71] STAPLES, INC., US
[22] 2017-09-05
[41] 2018-03-06
[30] US (15/257,909) 2016-09-06

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[13] A1
[51] **Int.Cl. F16L 3/015 (2006.01) F16D 3/26 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **MECHANICAL LINK**
[54] **LIEN MECANIQUE**
[72] KEEN, PHIL, GB
[71] ULTRA ELECTRONICS LIMITED, GB
[22] 2017-09-06
[41] 2018-03-07
[30] GB (1615208.4) 2016-09-07

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[51] **Int.Cl. B65D 90/34 (2006.01)**
[25] EN
[54] **WATER STORAGE CONTAINERS EXHIBITING REDUCED CORROSION, AND DEVICES AND METHODS FOR REDUCING RATE OF CORROSION IN WATER STORAGE CONTAINERS**
[54] **CONTENANTS DE STOCKAGE D'EAU OFFRANT UNE RESISTANCE AMELIOREE A LA CORROSION, ET DISPOSITIFS ET METHODES DE REDUCTION DE LA VITESSE DE CORROSION DANS LES CONTENANTS DE STOCKAGE D'EAU**
[72] FISKE, PETER, US
[72] GIGUERE, ROBIN, US
[72] BROOKE, ETHAN, US
[71] PAX WATER TECHNOLOGIES INC., US
[22] 2017-09-06
[41] 2018-03-06
[30] US (62/384,074) 2016-09-06

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[51] **Int.Cl. G01M 15/14 (2006.01) B64D 33/00 (2006.01) B64F 5/00 (2017.01) F02C 7/04 (2006.01) F02C 9/28 (2006.01) G01N 15/00 (2006.01) G01S 17/87 (2006.01) G01W 1/08 (2006.01) G01C 21/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MODIFYING TURBINE ENGINE OPERATING LIMITS**
[54] **SYSTEMES ET METHODES DE MODIFICATION DES LIMITES FONCTIONNELLES D'UNE TURBINE**
[72] HODGE, C. EDWARD, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2017-09-05
[41] 2018-03-06
[30] US (62/383,654) 2016-09-06
[30] US (15/695,133) 2017-09-05

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[51] **Int.Cl. H05B 37/02 (2006.01) F21S 2/00 (2016.01) F21V 23/00 (2015.01) H01Q 1/22 (2006.01)**
[25] EN
[54] **CONTROL MODULES HAVING INTEGRAL ANTENNA COMPONENTS FOR LUMINAIRES AND WIRELESS INTELLIGENT LIGHTING SYSTEMS CONTAINING THE SAME**
[54] **MODULES DE COMMANDE DOTES DE COMPOSANTES D'ANTENNE INTEGRALES DESTINES A DES LUMINAIRES ET SYSTEMES D'ECLAIRAGE INTELLIGENTS SANS FIL COMPORTANT DE TELS MODULES**
[72] JOHNSON, JOHN, US
[71] ABL IP HOLDING LLC, US
[22] 2017-09-07
[41] 2018-03-09
[30] US (15/260,380) 2016-09-09

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[13] A1
[51] **Int.Cl. E04B 1/38 (2006.01)**
[25] EN
[54] **SLIDE CLIP**
[54] **PINCE COULISSANTE**
[72] RALPH, GREGORY SCOTT, US
[72] STAHL, GREGG ALLAN, US
[72] ESHWAR, NAGARAJ, US
[72] LAWSON, THOMAS JAY, US
[71] CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC, US
[22] 2017-09-07
[41] 2018-03-08
[30] US (62/384784) 2016-09-08
[30] US (15/695,080) 2017-09-05

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[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01) E02F 3/84 (2006.01) G05D 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SEMI-AUTONOMOUS CONTROL OF AN INDUSTRIAL MACHINE**
[54] **SYSTEME ET METHODE DE CONTROLE SEMI-AUTONOME D'UNE MACHINE INDUSTRIELLE**
[72] VOELZ, NICHOLAS R., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-09-07
[41] 2018-03-08
[30] US (62/384,880) 2016-09-08

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[51] **Int.Cl. B60G 17/08 (2006.01) B60G 13/08 (2006.01) B60G 21/06 (2006.01) F16F 9/34 (2006.01) F16F 9/46 (2006.01)**
[25] EN
[54] **VEHICLE DAMPING SYSTEM AND VEHICLE**
[54] **SYSTEME D'AMORTISSEMENT DE VEHICULE ET VEHICULE**
[72] SAWAI, SEIJI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-09-07
[41] 2018-03-09
[30] JP (2016-176961) 2016-09-09

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[13] A1
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **DRY ALARM VALVE ASSEMBLY FOR CONTROLLING A SPRINKLER FIREFIGHTING SYSTEM**
[54] **ASSEMBLAGE DE CLAPET D'ALARME A SEC SERVANT A CONTROLER UN SYSTEME D'EXTINCTION INCENDIE A GICLEUR**
[72] GALLETTI, STEFANO, IT
[72] VACCA, RICCARDO, IT
[71] BOCCIOLONE ANTINCENDIO S.P.A., IT
[22] 2017-09-07
[41] 2018-03-07
[30] IT (102016000090459) 2016-09-07

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[51] **Int.Cl. G01G 19/62 (2006.01) B66F 11/04 (2006.01) G01G 19/52 (2006.01)**
[25] EN
[54] **FLEXIBLE PLATE SCALE FOR PLATFORM LOAD WEIGHING**
[54] **BALANCE A PLAQUE SOUPLE DESTINEE A LA PESEE DE CHARGEMENT DE PLATEFORME**
[72] CLARK, BRIAN M., US
[72] LEUSCHKE, RAINER, US
[71] TEREX USA, LLC, US
[22] 2017-09-06
[41] 2018-03-09
[30] US (62/385,353) 2016-09-09
[30] US (15/677,701) 2017-08-15

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[51] **Int.Cl. F17D 1/12 (2006.01)**
[25] EN
[54] **PRESSURE AND HEADLOSS MAINTAINING VALVE SYSTEM FOR CLEAN AND DIRTY WATER SYSTEMS**
[54] **SYSTEME DE SOUPAPE MAINTENANT LA PRESSION ET LA PERTE DE CHARGE DESTINE AU NETTOYAGE DE SYSTEMES DE DISTRIBUTION D'EAU PROPRE ET D'EAU SALE**
[72] PLATUSICH, BRUCE M., US
[71] RED VALVE COMPANY, INC., US
[22] 2017-09-05
[41] 2018-03-06
[30] US (62/383,865) 2016-09-06

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[51] **Int.Cl. B23Q 3/02 (2006.01)**
[25] EN
[54] **TAPERED TOOL HOLDER FIXTURE ASSEMBLY**
[54] **DISPOSITIF D'INSTALLATION DE SUPPORT D'OUTIL EFFILE**
[72] STONEBACK, JOHN WAYNE, US
[72] FISCHER, CRAIG, US
[71] STONEBACK, JOHN WAYNE, US
[71] FISCHER, CRAIG, US
[22] 2017-09-07
[41] 2018-03-09
[30] US (62/385,611) 2016-09-09
[30] US (15/685,623) 2017-08-24

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[51] **Int.Cl. A47B 81/00 (2006.01) A47G 29/10 (2006.01) E05G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR STORING OBJECTS**
[54] **SYSTEME ET APPAREILLAGE DE RANGEMENT D'OBJETS**
[72] BROCKMAN, ROBERT T., US
[72] BESOSA, JOHN MICHAEL, US
[71] KEY CONTROL HOLDING, INC., US
[22] 2017-09-01
[41] 2018-03-09
[30] US (62/385,775) 2016-09-09

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[51] **Int.Cl. B60D 1/28 (2006.01) B60D 1/48 (2006.01) B60D 1/58 (2006.01)**
[25] EN
[54] **SAFETY CHAIN TIE DOWN INSERTS**
[54] **INSERTIONS DE FIXATION DE CHAINE DE SURETE**
[72] MCCALL, TRAVIS M., US
[72] JELINEK, TYLER, US
[71] B & W CUSTOM TRUCK BEDS, INC., US
[22] 2017-09-06
[41] 2018-03-08
[30] US (62/385,066) 2016-09-08
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[51] **Int.Cl. B01J 20/30 (2006.01) A01K 1/015 (2006.01) B01J 20/02 (2006.01) B01J 20/22 (2006.01) B01J 20/28 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **ANIMAL LITTERS EXHIBITING REDUCED ADHESION PROPERTIES, AND RELATED METHODS**
[54] **LITIERES POUR ANIMAUX PRESENTANT DES PROPRIETES D'ADHERENCE REDUITE, ET METHODES ASSOCIEES**
[72] BROWN, RAYMOND S., US
[72] MILLER, RICHARD D., US
[72] BRUNO, ROGER, US
[71] CHURCH & DWIGHT CO., INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,330) 2016-09-07

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[13] A1
[51] **Int.Cl. G09F 25/00 (2006.01) B62B 3/14 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **IN-STORE AUDIO SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET METHODES AUDIO DESTINES DE L'ESPACE DE MAGASINAGE**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[72] WELCH, ERIC E., US
[71] WAL-MART STORES, INC., US
[22] 2017-09-05
[41] 2018-03-07
[30] US (62/384,648) 2016-09-07

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[13] A1
[51] **Int.Cl. B62K 5/08 (2006.01) B62K 3/00 (2006.01) B62K 9/02 (2006.01) B62M 1/14 (2006.01)**
[25] EN
[54] **PUMP-ACTION RIDE-ALONG VEHICLE**
[54] **VEHICULE DE DEPLACEMENT PAR POMPAGE**
[72] JONES, MICHEAL D., US
[71] JONES, MICHEAL D., US
[22] 2017-09-05
[41] 2018-03-09
[30] US (62/385,860) 2016-09-09
[30] US (15/694,894) 2017-09-04

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[51] **Int.Cl. A01H 6/20 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01)**
[25] EN
[54] **CANOLA INBRED LINE G146645A/B**
[54] **VARIETE DE CANOLA AUTOGAME G146645A/B**
[72] GINGERA, GREG, CA
[72] TAHIR, MUHAMMAD, CA
[72] ALAHAKOON, USHAN, CA
[72] KNIEVEL, DONNA CAROLYNN, CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,349) 2016-09-07
[30] US (15/684,304) 2017-08-23

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[51] **Int.Cl. A01H 6/20 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01)**
[25] EN
[54] **CANOLA HYBRID CULTIVAR CL3701975H**
[54] **CULTIVAR DE CANOLA HYBRIDE CL3701975H**
[72] SHAW, ERIC, CA
[72] RIPLEY, VAN L., CA
[72] ZHAO, JIANWEI, CA
[72] GORE, SHERRY, CA
[72] TAHIR, MUHAMID, CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,345) 2016-09-07
[30] US (15/684,093) 2017-08-23

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[13] A1
[51] **Int.Cl. G01N 1/40 (2006.01) C12Q 1/61 (2006.01) G01N 33/48 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **PREPARATION OF LIPEMIC PLASMA OR SERUM SAMPLES FOR THE DETERMINATION OF A LIPID INTERFERENCE**
[54] **PREPARATION DE PLASMA LIPEMIQUE OU D'ECHANTILLONS DE SERUM EN VUE DE LA DETERMINATION DE L'INTERFERENCE D'UN LIPIDE**
[72] PATZKE, JUERGEN, DE
[71] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
[22] 2017-09-06
[41] 2018-03-08
[30] EP (16187839.2) 2016-09-08

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[51] **Int.Cl. A01H 6/20 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01)**
[25] EN
[54] **CANOLA HYBRID CULTIVAR G5428584H**
[54] **CULTIVAR DE CANOLA HYBRIDE G5428584H**
[72] GINGERA, GREGORY, CA
[72] KNIEVEL, DONNA CAROLYNN, CA
[72] ZHAO, JIANWEI, CA
[72] GORE, SHERRY, CA
[72] TAHIR, MUHAMMAD, CA
[72] ALAHAKOON, USHAN, CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,362) 2016-09-07
[30] US (15/684,154) 2017-08-23

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[51] **Int.Cl. A01H 6/20 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01)**
[25] EN
[54] **CANOLA INBRED RESTORER LINE CL2503899R**
[54] **VARIETE DE RESTAURATION DE CANOLA PUR CL2503899R**
[72] SHAW, ERIC, CA
[72] RIPLEY, VAN L., CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,344) 2016-09-07
[30] US (15/684,199) 2017-08-23

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[51] **Int.Cl. A01H 6/20 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01)**
[25] EN
[54] **CANOLA INBRED RESTORER LINE G263532R**
[54] **VARIETE DE RESTAURATION DE CANOLA PUR G263532R**
[72] GINGERA, GREG, CA
[72] KNIEVEL, DONNA CAROLYNN, CA
[72] ZHAO, JIANWEI, CA
[72] GORE, SHERRY, CA
[71] AGRIGENETICS, INC., US
[22] 2017-09-06
[41] 2018-03-07
[30] US (62/384,355) 2016-09-07
[30] US (15/684,254) 2017-08-23

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[13] A1
[51] **Int.Cl. B60B 30/08 (2006.01) B62D 43/00 (2006.01)**
[25] EN
[54] **WHEEL CENTERING SLEEVE**
[54] **MANCHON DE CENTRAGE DE ROUE**
[72] RYSHAVY, JOHN W., US
[72] FITZGERALD, WILLIAM C., US
[72] EMANUELSON, DAVID J., US
[72] MILLER, SHAWN C., US
[71] STEMPF AUTOMOTIVE INDUSTRIES, INC., US
[22] 2017-09-08
[41] 2018-03-08
[30] US (15/259,927) 2016-09-08

[21] **2,978,560**
[13] A1
[51] **Int.Cl. E21C 35/19 (2006.01)**
[25] EN
[54] **GROUND ENGAGING TOOL LOCKING SYSTEM**
[54] **MECANISME DE VERROUILLAGE D'OUTIL D'ENGAGEMENT DU SOL**
[72] VOELZ, NICHOLAS, US
[72] NICOSON, RICHARD, US
[72] POPP, JAMES, US
[72] GROSS, MATT, US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-09-08
[41] 2018-03-09
[30] US (62/385,719) 2016-09-09
[30] US (62/479,056) 2017-03-30

[21] **2,978,563**
[13] A1
[51] **Int.Cl. H01F 7/18 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **DEGAUSS CIRCUIT FOR USE IN AN ELECTRONICALLY ACTUATED DOOR LOCK**
[54] **CIRCUIT DEMAGNETISEUR DESTINE A UN VERROU DE PORTE ACTIONNE ELECTRONIQUEMENT**
[72] DAVIS, BRETT L., US
[72] SHAFFER, RANDALL, US
[72] ANDERSON, ERIC, US
[71] HANCHETT ENTRY SYSTEMS, INC., US
[22] 2017-09-08
[41] 2018-03-09
[30] US (62/385672) 2016-09-09

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[13] A1
[51] **Int.Cl. A61K 31/65 (2006.01) A61K 9/10 (2006.01) A61K 9/12 (2006.01) A61P 7/00 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING ROSACEA AND ACNE**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA ROSACEE ET DE L'ACNEE**
[72] TAMARKIN, DOV, IL
[72] EINI, MEIR, IL
[72] HAZOT, YOHAN, IL
[72] SHIRVAN, MITCHELL, IL
[72] KEDEM, TAL HETZRONI, IL
[72] KEYNAN, RITA, IL
[71] FOAMIX PHARMACEUTICALS LTD., IL
[71] TAMARKIN, DOV, IL
[71] EINI, MEIR, IL
[71] HAZOT, YOHAN, IL
[71] SHIRVAN, MITCHELL, IL
[71] KEDEM, TAL HETZRONI, IL
[71] KEYNAN, RITA, IL
[22] 2017-09-08
[41] 2018-03-08
[30] US (62/385,189) 2016-09-08
[30] US (62/393,545) 2016-09-12
[30] US (62/444,960) 2017-01-11
[30] US (62/550,158) 2017-08-25

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[13] A1
[51] **Int.Cl. B62D 55/26 (2006.01) B60C 27/04 (2006.01) B62D 55/24 (2006.01) B62D 55/27 (2006.01)**
[25] EN
[54] **GROUSER ASSEMBLY FOR ENDLESS TRACK SYSTEMS**
[54] **DISPOSITIF DE CRAMPON DESTINE A DES SYSTEMES A CHENILLE**
[72] LAFRENIERE, PASCAL, CA
[72] BRETON, JEAN-PHILIPPE, CA
[72] ST-ARNAUD, CHARLES, CA
[72] LECLERC, CAROLINE, CA
[72] DEVIN, CHARLES, CA
[72] PETTIGREW, PIERRE-YVES, CA
[71] SOUCY INTERNATIONAL, INC., CA
[22] 2017-09-08
[41] 2018-03-09
[30] US (62/385,645) 2016-09-09

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[13] A1
[51] **Int.Cl. B01D 3/00 (2006.01)**
[25] EN
[54] **SHORT-PATH DISTILLATION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DISTILLATION A PARCOURS COURT**
[72] KOGON, BORIS DAVID, US
[72] WELLS, LEVI JOSEPH, US
[71] BIZZYBEE LLC, US
[22] 2017-09-06
[41] 2018-03-06
[30] US (15/639,894) 2017-06-30
[30] US (62/383,997) 2016-09-06

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[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 7/02 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **DRILLING MACHINE**
[54] **MACHINE DE FORAGE**
[72] ZANICHELLI, ALESSIO, IT
[71] SOILMEC S.P.A., IT
[22] 2017-09-06
[41] 2018-03-07
[30] IT (10 2016 000 090 502) 2016-09-07

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[13] A1
[51] **Int.Cl. B66D 1/28 (2006.01) B66D 1/14 (2006.01) B66D 1/82 (2006.01) E21B 19/02 (2006.01) E21B 19/084 (2006.01)**
[25] EN
[54] **DRAWWORKS APPARATUS AND METHOD**
[54] **APPAREILLAGE DE TREUIL DE FORAGE ET METHODE**
[72] NETECKE, MICHAEL, US
[72] CABRERA, ROY, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[22] 2017-09-07
[41] 2018-03-08
[30] US (15/259885) 2016-09-08

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[13] A1
[51] **Int.Cl. H01M 10/04 (2006.01) H01M 2/02 (2006.01)**
[25] EN
[54] **SEALED SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE SCELLEE**
[72] KATO, MASASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-09-08
[41] 2018-03-09
[30] JP (2016-177066) 2016-09-09

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[13] A1
[51] **Int.Cl. A22C 29/02 (2006.01) A22C 29/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING MEAT FROM CRUSTACEAN LEGS**
[54] **METHODE ET APPAREIL DE RETRAIT DE LA CHAIR DES PATTES DE CRUSTACES**
[72] FOGARTY, TIM, CA
[71] FOGARTY, TIM, CA
[22] 2017-09-07
[41] 2018-03-07
[30] US (62/384307) 2016-09-07

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[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 33/068 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONNECTING WELL HEADS OF STEAM STIMULATED HYDROCARBON WELLS**
[54] **METHODE ET APPAREIL DE RACCORDEMENT DE TETES DE PUITS DE PUITS D'HYDROCARBURE STIMULES PAR LA VAPEUR**
[72] STALEY, GRANT BRITT VICTOR, CA
[72] PIQUETTE, DEAN ANDRE, CA
[72] VERWIJS, JOHAN PETER (HANS), CA
[71] WOOD GROUP MUSTANG (CANADA) INC., CA
[22] 2017-09-07
[41] 2018-03-08
[30] US (62/385,088) 2016-09-08

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[13] A1
[51] **Int.Cl. H04L 12/753 (2013.01) H04L 12/721 (2013.01)**
[25] EN
[54] **PATH PROBING USING AN EDGE COMPLETION RATIO**
[54] **VERIFICATION DE PARCOURS AU MOYEN D'UN RAPPORT DE PRESENCE DE LIMITE**
[72] LI, LAN, US
[72] ZATYLNY, KARLO, US
[72] PATLAN, EMILIANA, US
[71] SOLARWINDS WORLDWIDE, LLC, US
[22] 2017-09-07
[41] 2018-03-09
[30] US (15/261,276) 2016-09-09

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF TRACEROUTE NODES AND ASSOCIATED DEVICES**
[54] **IDENTIFICATION DE NOEUDS DE CHEMIN DE TRACE ET DISPOSITIFS ASSOCIES**
[72] KUBIK, TOMAS, CZ
[72] LI, LAN, US
[72] RYBKA, TOMAS, CZ
[72] ZATYLNY, KARLO, US
[72] O'BRIEN, CHRIS, US
[71] SOLARWINDS WORLDWIDE, LLC, US
[22] 2017-09-07
[41] 2018-03-09
[30] US (15/261,315) 2016-09-09

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[13] A1
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[25] EN
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[54] **ANCRAGES MAGNETIQUES ET METHODE ET APPAREIL D'INSTALLATION D'AIMANTS ET DE SUSPENSION D'UN PANNEAU**
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[54] **ENT IMAGE REGISTRATION**
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[72] BUSTAN, ITAMAR, IL
[72] PINSKY, YOAV, IL
[72] ZOABI, AKRAM, IL
[72] GOVARI, ASSAF, IL
[72] SHILEMAY, MOSHE L., IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **SYSTEM AND METHOD FOR OPERATING A TRANSMISSION NETWORK**
[54] **SYSTEME ET METHODE D'EXPLOITATION D'UN RESEAU DE TRANSMISSION**
[72] FANKHAUSER, ERIC, CA
[72] PATEL, RAKESH, CA
[72] SILVESTRI, VINCE, CA
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[54] **APPAREIL DE LESTAGE ALIMENTE DE MOTEUR DE PLANCHE DE WAKEBOARD**
[72] HARTMAN, RICHARD L., US
[71] HARTMAN, RICHARD L., US
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[72] STEINER, GUNTHER, IT
[72] RIPFL, MARTIN, IT
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[54] **PROCEDE ET SYSTEME DE VERIFICATION D'UTILISATEUR**
[72] MATUTE, DIEGO, CA
[71] MATUTE, DIEGO, CA
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[54] **SYSTEME ET METHODE D'ATTENUATION DE TEMPS MORTS SUR UN VEHICULE UTILITAIRE AU MOYEN D'UNE PLATEFORME DE TRAVAIL AERIENNE CONTROLEE DE MANIERE HYDRAULIQUE ET ISOLEE ELECTRIQUEMENT**
[72] HENDERSON, TYLER CRAIG, US
[71] TEREX USA, LLC, US
[22] 2017-09-11
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[54] **SYSTEM AND METHOD FOR ECHO SUPPRESSION FOR IN-CAR COMMUNICATIONS**
[54] **SYSTEME ET METHODE DE SUPPRESSION D'ECHO DANS LES COMMUNICATIONS A BORD D'AUTOMOBILE**
[72] EVERY, MARK ROBERT, CA
[71] 2236008 ONTARIO, INC., CA
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[54] **ELEMENT DE SOCLE EN BETON, REUTILISABLE, PREFABRIQUE**
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[71] SPRONKEN, JOHN R., CA
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[54] **OUTIL DE NETTOYAGE DENTAIRE COMPRENANT UNE BROSSE PIVOTANTE**
[72] TO, CHUN YUEN, CN
[71] WORLD WIDE STATIONERY, MFG. CO., LTD., CN
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[54] **PROCEDE ET APPAREIL DE FORMATION D'UNE FRACTION DE LIGNINE, COMPOSITION DE LIGNINE ET SON UTILISATION**
[72] MIETTINEN, MAUNO, FI
[71] UPM-KYMMENE CORPORATION, FI
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[54] **A METHOD AND AN APPARATUS FOR WASHING A CRUDE LIGNIN, A SOLUBLE CARBOHYDRATE CONTAINING FRACTION, A SOLID FRACTION AND THEIR USE**
[54] **PROCEDE ET APPAREIL DE LAVAGE D'UNE LIGNINE BRUTE, FRACTION CONTENANT DES HYDRATES DE CARBONE SOLUBLES, FRACTION SOLIDE ET LEUR UTILISATION**
[72] TURUNEN, SAMI, FI
[72] TAMPER, JUHA, FI
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[54] **COMPOSITION DE LINGETTE DE GEL COMPRENANT UNE FIBRE DE GEL SUPERABSORBANTE**
[72] DEMARCO, GABRIELLA MARIE, US
[72] EKMAN-GUNN, EUEN, US
[72] POCCIA, JOHN F., III, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF INTERMEDIATES USEFUL IN THE PREPARATION OF NON-IONIC CONTRAST AGENTS**
[54] **PROCEDE POUR LA PREPARATION D'INTERMEDIAIRES UTILES DANS LA PREPARATION D'UN AGENT DE CONTRASTE NON IONIQUE**
[72] HEGGIE, WILLIAM, PT
[72] NABER, JOHN, US
[72] BAZINET, PATRICK R., US
[72] TOMAS, FILIPE, US
[71] HOVIONE SCIENTIA LIMITED, IE
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[54] **DISPOSITIF D'ENTRAINEMENT D'ACCESSOIRE POUR VEHICULE**
[72] HASHIMOTO, SHIN, JP
[72] YAMAMOTO, TAKESHI, JP
[72] USHIJIMA, KENSHI, JP
[72] NISHII, SATOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **SYSTEM AND METHOD FOR NAVIGATION TO A TARGET ANATOMICAL OBJECT IN MEDICAL IMAGING-BASED PROCEDURES**
[54] **SYSTEME ET METHODE DE NAVIGATION VERS UN OBJET ANATOMIQUE CIBLE DANS LES INTERVENTIONS FONDEES SUR L'IMAGERIE MEDICALE**
[72] AVENDI, MICHAEL R., US
[72] DUFFY, SHANE A., US
[72] HSU, KENNETH C., US
[71] AVENT, INC., US
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[54] **ARTICLE PRESENTANT DIFFERENTES SURFACES TEXTUREES**
[72] CULERON, GUY HUBERT STEPHANE SYLVAIN, CN
[72] WANG, PING, CN
[72] YANG, LIANG, CN
[72] LIANG, CHUN-CHUAN, CN
[72] SONG, SHUO, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-12-14
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[54] **DISPOSITIF TELECOMMANDE**
[72] HOLLOWAY, MATHEW, GB
[72] HAMBLIN, CHRISTOPHER, GB
[72] TAYLOR, DANIEL, GB
[71] Q-BOT LIMITED, GB
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[72] GRAHAM, KEITH, DE
[72] KLAR, ULRICH, DE
[72] BRIEM, HANS, DE
[72] SIEMEISTER, GERHARD, DE
[72] MONNING, URSULA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **METHODS OF PREPARING SINGLE-WALLED CARBON NANOTUBE NETWORKS**
[54] **PROCEDES DE PREPARATION DE RESEAUX DE NANOTUBES DE CARBONE A PAROI UNIQUE**
[72] AVERY, AZURE DEE, US
[72] BLACKBURN, JEFF, US
[72] FERGUSON, ANDREW JOHN, US
[71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[85] 2018-02-02
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[54] **METHODS FOR MANUFACTURING PHTHALOCYANINE DYE CONJUGATES AND STABLE CONJUGATES**
[54] **PROCEDES DE FABRICATION DE CONJUGUES DE COLORANT A BASE DE PHTALOCYANINE ET CONJUGUES STABLES**
[72] MAKINGS, LEWIS R., US
[72] HEIM, ROGER, US
[72] GARCIA-GUZMAN, MIGUEL, US
[72] CHIN, EILEEN SUN, US
[72] YADAV, DEEPAK, US
[72] FONG, JERRY, US
[71] ASPYRIAN THERAPEUTICS, INC., US
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[54] **PROCEDES ET COMPOSITIONS DESTINES A LA THERAPIE DE TUMEURS**
[72] KHALIL, DANNY NEJAD, US
[72] WOLCHOK, JEDD D., US
[72] MERGHOUB, TAHA, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[72] OVELAND, NILS PETTER, NO
[71] HELSE STAVANGER HF, NO
[85] 2018-02-07
[86] 2015-08-28 (PCT/EP2015/069743)
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[54] **CUVE-PALETTE**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
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[54] **PERSONALIZED PARAMETER MODELING METHODS AND RELATED DEVICES AND SYSTEMS**
[54] **PROCEDES DE MODELISATION DE PARAMETRES PERSONNALISES ET DISPOSITIFS ET SYSTEMES ASSOCIES**
[72] VARSAVSKY, ANDREA, US
[72] LU, YUNFENG, US
[72] NOGUEIRA, KEITH, US
[72] NISHIDA, JEFFREY, US
[71] MEDTRONIC MINIMED, INC., US
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[54] **PNEU DE VEHICULE SANS CHAMBRE**
[72] BERGER, CHRISTOPH, DE
[72] SCHLITTENHARD, JAN, DE
[71] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[54] **SYSTEME DE FIXATION DE COTE**
[72] WAIZENEGGER, AXEL, DE
[72] GRIMM, DANIEL, DE
[72] KOETT, THOMAS, DE
[72] BURKE, SHAWN M., US
[72] SIMPSON, TRAVIS, US
[72] MCLAUGHLIN, RICH, US
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[54] **ATTRIBUTION DE CODE DYNAMIQUE POUR EXPEDITION INTERNATIONALE D'UN ARTICLE**
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[72] MAIOCCO, CHRISTOPHER BERNARD, US
[72] RUBIO, CHRISTOPHER MARTIN, US
[72] PETLOCK, BRUCE ROBERT, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2018-02-06
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[54] **DATA ANALYTICS AND INSIGHT DELIVERY FOR THE MANAGEMENT AND CONTROL OF DIABETES**
[54] **ANALYSE DE DONNEES ET LIVRAISON D'UN APERCU POUR LA GESTION ET LE CONTROLE DU DIABETE**
[72] AGRAWAL, PRATIK, US
[72] MCMAHON, CHANTAL M., US
[72] ZHONG, YUXIANG, US
[72] JIANG, BOYI, US
[72] STONE, MICHAEL P., US
[72] NEEMUCHWALA, HUZEFA F., US
[72] JOY, KELLY F., US
[72] RUSHI, AMIT J., US
[72] KAUFMAN, FRANCINE R., US
[72] DIAS, LOUIS, US
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[30] US (62/304,615) 2016-03-07
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[25] EN
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[54] **COMPOSES ANTIBACTERIENS 1,2-DIHYDRO-3H-PYRROLO[1,2-C]IMIDAZOL-3-ONE SUBSTITUES**
[72] BLUMSTEIN, ANNE-CATHERINE, CH
[72] MATHIEU, GAELLE, CH
[72] JACOB, LOIC, CH
[72] MASSE, FLORENCE, CH
[72] MIRRE, AZELY, CH
[72] PANCHAUD, PHILIPPE, CH
[72] SCHMITT, CHRISTINE, CH
[72] SPECKLIN, JEAN-LUC (DECEASED), CH
[72] SURIVET, JEAN-PHILIPPE, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
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[54] **COMPOUNDS**
[54] **COMPOSES**
[72] BRAND, STEPHEN, GB
[72] DODD, PETER GEORGE, GB
[72] KO, EUN JUNG, GB
[72] MARCO MARTIN, MARIA, ES
[72] MILES, TIMOTHY JAMES, ES
[72] SANDBERG, LARS HENRIK, GB
[72] THOMAS, MICHAEL GEORGE, GB
[72] THOMPSON, STEPHEN, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[71] UNIVERSITY OF DUNDEE, GB
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[25] EN
[54] **3-PHENYL-BENZOFURAN-2-ONE DERIVATIVES CONTAINING PHOSPHORUS AS STABILIZERS**
[54] **DERIVES 3-PHENYL-BENZOFURAN-2-ONE CONTENANT DU PHOSPHORE COMME AGENTS STABILISANTS**
[72] HOELZL, WERNER, FR
[72] KING, ROSWELL, III, US
[72] PAUQUET, JEAN-ROCH, CH
[71] BASF SE, DE
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[25] EN
[54] **METHODS AND SYSTEM FOR REDUCING IMPURITY METAL FROM A REFINERY ELECTROLYTE SOLUTION**
[54] **PROCEDES ET SYSTEME PERMETTANT LA REDUCTION D'IMPURETES METALLIQUES DANS UNE SOLUTION ELECTROLYTIQUE DE RAFFINERIE**
[72] BENDER, JACK, US
[72] EMMERICH, NATHAN C., US
[71] BASF SE, DE
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[54] **WET WIPE CONCENTRATE**
[54] **CONCENTRE POUR LINGETTE HUMIDE**
[72] LOU, KHAT, KEVIN, US
[72] GARRISON, MARK, US
[72] LIBRIZZI, JOSEPH, US
[71] ARCH PERSONAL CARE PRODUCTS, LP, US
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[54] **MODULE DE CAPTEUR POUR OUTIL DE FABRICATION**
[72] HILTON, DERRICK ERNEST, GB
[72] RAND, CHRISTOPHER, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **DEUTERATED TOLL-LIKE RECEPTOR MODULATORS**
[54] **MODULATEURS DEUTERES DU RECEPTEUR TOLL**
[72] BONDY, STEVEN S., US
[72] MCFADDEN, RYAN, US
[71] GILEAD SCIENCES, INC., US
[85] 2018-02-06
[86] 2016-08-24 (PCT/US2016/048396)
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[54] **USE OF HYDROPHOBICALLY ASSOCIATING COPOLYMERS AS BINDERS FOR PELLETIZING METAL CONTAINING ORES**
[54] **UTILISATION DE COPOLYMERES S'ASSOCIANT DE MANIERE HYDROPHOBE EN TANT QUE LIANTS POUR LA PELLETISATION DE MINERAIS CONTENANT DU METAL**
[72] VILLANUEVA BERINDOAGUE, ADRIAN MAURICIO, DE
[72] MICHAILOVSKI, ALEXEJ, DE
[72] BRODT, GREGOR, DE
[72] VON KROG, SYLVIA, DE
[72] BECHEN, DOMINIC RENE, DE
[72] PACKE-WIRTH, RAINER, DE
[72] HOFF, SHANE, US
[71] BASF SE, DE
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[25] EN
[54] **FLOW SENSOR SYSTEM INCLUDING TRANSMISSIVE CONNECTION**
[54] **SYSTEME DE CAPTEUR DE DEBIT COMPRENANT UNE CONNEXION DE TRANSMISSION**
[72] DEKALB, SHAWN WAYNE, US
[71] CRISI MEDICAL SYSTEMS, INC., US
[85] 2018-02-06
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[54] **FLOW SENSOR SYSTEM INCLUDING SPRING CONTACTS**
[54] **SYSTEME CAPTEUR DE FLUX CONTENANT DES CONTACTS A RESSORT**
[72] DEKALB, SHAWN WAYNE, US
[72] RAPTIS, MARK, US
[71] CRISI MEDICAL SYSTEMS, INC., US
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[54] **APPARATUS FOR APPLYING LEAFLETS TO CONTAINERS**
[54] **APPAREIL POUR APPLIQUER DES FEUILLETS A DES RECIPIENTS**
[72] SCHINELLI, NICOLA, IT
[71] P.E. LABELLERS S.P.A., IT
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[54] **FLOW SENSOR SYSTEM WITH ABSORBER**
[54] **SYSTEME DE CAPTEUR D'ECOULEMENT AVEC ABSORBEUR**
[72] DEKALB, SHAWN WAYNE, US
[71] CRISI MEDICAL SYSTEMS, INC., US
[85] 2018-02-06
[86] 2016-08-25 (PCT/US2016/048719)
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[25] EN
[54] **LINE PENETRATION WITH INTEGRATED SMOKE STOP**
[54] **PENETRATION DE LIGNE A ARRET DE FUMEE INTEGRE**
[72] STROIKE, CHAD, US
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **LACTEAL EXTRACTOR SAFETY SYSTEM AND METHOD FOR PUMP SYSTEM**
[54] **SYSTEME DE SECURITE DE TIRE-LAIT ET PROCEDE POUR SYSTEME DE POMPE**
[72] HOLTZ, RAYMOND, US
[71] MEDELA HOLDING AG, CH
[85] 2018-02-06
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[25] EN
[54] **A MIXTURE TO BE USED IN AN ABSORPTION MACHINE**
[54] **MELANGE A UTILISER DANS UNE MACHINE D'ABSORPTION**
[72] BOLIN, GORAN, SE
[72] OLSSON, RAY, FI
[71] CLIMATEWELL AB (PUBL), SE
[85] 2018-02-07
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[25] EN
[54] **DRUG FORMULATION BASED ON PARTICULATES COMPRISING POLYSACCHARIDE-VITAMIN CONJUGATE**
[54] **FORMULATION MEDICAMENTEUSE A BASE DE PARTICULES COMPRENANT UN CONJUGUE POLYSACCHARIDE-VITAMINE**
[72] LI, JUN, US
[72] BAO, JIAN, US
[72] WANG, WEI, US
[71] ZY THERAPEUTICS INC., US
[85] 2018-02-06
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[25] EN
[54] **TUNABLE ENDOGENOUS PROTEIN DEGRADATION**
[54] **DEGRADATION MODULABLE DE PROTEINE ENDOGENE**
[72] BUCKLEY, DENNIS, US
[72] WINTER, GEORG, AT
[72] PHILLIPS, ANDREW J., US
[72] HEFFERNAN, TIMOTHY PAUL, US
[72] BRADNER, JAMES, US
[72] ROBERTS, JUSTIN, US
[72] NABET, BEHNAM, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-06
[86] 2016-08-08 (PCT/US2016/046089)
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[25] EN
[54] **CONCRETE FORM SYSTEM**
[54] **SYSTEME DE COFFRAGE A BETON**
[72] LO, IAN K.Y., CA
[72] SCIORE, PAUL, CA
[72] MULDREW, KEN, CA
[71] SOTERIA INDUSTRIES, INC., CA
[85] 2018-02-07
[86] 2016-08-10 (PCT/IB2016/001219)
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[25] EN
[54] **NON-PLANAR AND NON-SYMMETRICAL PIEZOELECTRIC CRYSTALS AND REFLECTORS**
[54] **CRISTAUX PIEZOELECTRIQUES NON SYMETRIQUES ET NON-PLANAIRES, ET REFLECTEURS**
[72] LIPKENS, BART, US
[72] PRESZ, WALTER M., JR., US
[72] CHITALE, KEDAR, US
[72] KENNEDY, THOMAS J., III, US
[72] GILMANSHIN, RUDOLF, US
[72] MEALEY, DANE, US
[72] DUTRA, BRIAN, US
[72] SOKOLOWSKI, DAVID, US
[71] FLODESIGN SONICS, INC., US
[85] 2018-01-31
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[25] EN
[54] **SELF-CLOSING SHEET FOR ENCAPSULATING AND DUMPING A BULK OF MATERIAL**
[54] **FEUILLE AUTO-REFERMABLE POUR ENCAPSULER ET JETER UN MATERIAU EN VRAC**
[72] JENSEN, JACOB HJELMAGER, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/44 (2006.01) H05B 3/20 (2006.01)**
[25] EN
[54] **INFUSION FLUID WARMER COMPRISING PRINTED CIRCUIT BOARD HEATING ELEMENTS**
[54] **DISPOSITIF DE CHAUFFAGE DE FLUIDE DE PERFUSION COMPRENANT DES ELEMENTS DE CHAUFFAGE SUR CARTE DE CIRCUIT IMPRIME**
[72] ANDERSEN, ULRIK KROGH, DK
[71] MEQU A/S, DK
[85] 2018-02-07
[86] 2016-07-18 (PCT/EP2016/067077)
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[51] **Int.Cl. C08G 69/10 (2006.01) A61K 47/34 (2017.01)**
[25] EN
[54] **CROSS-LINKED STAR-SHAPED SELF-ASSEMBLED POLYPEPTIDES AND ITS USE AS CARRIERS IN BIOMEDICAL APPLICATIONS**
[54] **POLYPEPTIDES AUTO-ASSEMBLES, RETICULES, EN FORME D'ETOILE ET LEUR UTILISATION EN TANT QUE SUPPORTS DANS DES APPLICATIONS BIOMEDICALES**
[72] VICENT DOCON, MARIA JESUS, ES
[72] DURO CASTANO, AROA, ES
[72] NEBOT CARDA, VICENT JOSEP, ES
[71] CENTRO DE INVESTIGACION PRINCIPE FELIPE, ES
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[25] EN
[54] **CONTINUOUS PROCESS FOR THE TREATMENT OF WASTEWATER**
[54] **PROCEDE CONTINU POUR LE TRAITEMENT D'EAUX USEES**
[72] HORJUS, FRANS WIERD, NL
[71] HASKONINGDHV NEDERLAND B.V., NL
[85] 2018-02-07
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[54] **ZONAL REPRESENTATION FOR FLOW VISUALIZATION**
[54] **REPRESENTATION PAR ZONES POUR LA VISUALISATION D'ECOULEMENT**
[72] RAVI, KRISHNA M., US
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR PLANT IMPROVEMENT**
[54] **PROCEDE D'AMELIORATION DES PLANTES**
[72] TORNEY, FRANCOIS, FR
[72] MARTIN, JEROME, FR
[72] LAFARGE, STEPHANE, FR
[71] GENOPLANTE-VALOR, FR
[85] 2018-02-07
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[51] **Int.Cl. C12P 15/00 (2006.01) A23L 27/30 (2016.01) C07K 14/245 (2006.01)**
[25] EN
[54] **PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS**
[54] **PRODUCTION DE GLYCOSIDES DE STEVIOL DANS DES HOTES RECOMBINANTS**
[72] DOUCHIN, VERONIQUE, DK
[72] MIKKELSEN, MICHAEL DALGAARD, DK
[72] MOLLER-HANSEN, IBEN, DK
[71] EVOLVA SA, CH
[85] 2018-02-07
[86] 2016-07-29 (PCT/EP2016/068259)
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[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TRICYCLIC COMPOUNDS AND THEIR USE IN THE TREATMENT OF CANCER**
[54] **COMPOSES TRICYCLIQUES ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] ARNER, ELIAS SET JENO, SE
[72] STAFFORD, WILLIAM CHESTER, SE
[72] COUSSENS, NATHAN PATRICK, US
[72] LUCI, DIANE KAREN, US
[72] MALONEY, DAVID JOSEPH, US
[72] SIMEONOV, ANTON, US
[72] JADHAV, AJIT, US
[72] DEXHEIMER, THOMAS S., US
[71] ARNER, ELIAS SET JENO, SE
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[86] 2016-08-05 (PCT/US2016/045730)
[87] (WO2017/027358)
[30] GB (1514018.9) 2015-08-07

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[13] A1
[51] **Int.Cl. C07D 213/71 (2006.01) A61K 31/435 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRIDINES AND THEIR USE IN THE TREATMENT OF CANCER**
[54] **PYRIDINES ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] ARNER, ELIAS SET JENO, SE
[72] STAFFORD, WILLIAM CHESTER, SE
[72] COUSSENS, NATHAN, PATRICK, US
[72] LUCI, DIANE KAREN, US
[72] MALONEY, DAVID JOSEPH, US
[72] SIMEONOV, ANTON, US
[72] JADHAV, AJIT, US
[72] DEXHEIMER, THOMAS, S., US
[71] ARNER, ELIAS SET JENO, SE
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[25] EN
[54] **HAND HELD DEVICES FOR MAGNETIC INDUCTION TOMOGRAPHY**
[54] **DISPOSITIFS PORTATIFS DE TOMOGRAPHIE PAR INDUCTION MAGNETIQUE**
[72] FELDKAMP, JOSEPH R., US
[72] SULLIVAN, SHAWN JEFFERY, US
[72] LONG, ANDREW M., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2018-02-07
[86] 2016-07-20 (PCT/US2016/043093)
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[30] US (62/209,933) 2015-08-26

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[13] A1
[51] **Int.Cl. C09C 1/48 (2006.01) C09C 1/56 (2006.01)**
[25] EN
[54] **METHOD OF MAKING CARBON BLACK**
[54] **PROCEDE DE FABRICATION DE NOIR DE CARBONE**
[72] HARDMAN, NED J., US
[72] TAYLOR, ROSCOE W., US
[71] MONOLITH MATERIALS, INC., US
[85] 2018-02-07
[86] 2016-08-05 (PCT/US2016/045793)
[87] (WO2017/027385)
[30] US (62/202,498) 2015-08-07

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[13] A1
[51] **Int.Cl. F04C 28/28 (2006.01) F04C 14/28 (2006.01)**
[25] EN
[54] **METHOD FOR TWIN SCREW POSITIVE DISPLACEMENT PUMP PROTECTION**
[54] **PROCEDE DE PROTECTION DE POMPE VOLUMETRIQUE A DOUBLE VIS**
[72] STAVALE, ANTHONY E., US
[72] SEMIDEY, ROBERT, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2018-02-07
[86] 2016-08-03 (PCT/US2016/045346)
[87] (WO2017/030792)
[30] US (62/205,205) 2015-08-14

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[51] **Int.Cl. A61K 39/02 (2006.01) A01H 1/06 (2006.01)**
[25] EN
[54] **MYCOPLASMA BOVIS COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE MYCOPLASMA BOVIS**
[72] BROWNING, GLENN FRANCIS, AU
[72] MARKHAM, PHILIP FRANCIS, AU
[72] MARENDA, MARC SERGE, AU
[72] WEBER, FRED H., US
[72] MAHAN, SUMAN, US
[71] ZOETIS SERVICES LLC, US
[71] THE UNIVERSITY OF MELBOURNE, AU
[85] 2018-02-07
[86] 2016-08-11 (PCT/US2016/046572)
[87] (WO2017/030901)
[30] US (62/205,125) 2015-08-14

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[13] A1
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[25] EN
[54] **ARTICULATING BRAKE COMPONENT MOUNTING PLATE FOR WHEEL ALIGNMENT CORRECTION**
[54] **PLAQUE DE MONTAGE DE COMPOSANT DE FREIN ARTICULE POUR CORRECTION D'ALIGNEMENT DE ROUE**
[72] MERRILL, ZACHARY ALEXANDER, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-02-07
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[87] (WO2017/040029)
[30] US (PCT/US2015/047723) 2015-08-31

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[13] A1
[51] **Int.Cl. C04B 18/08 (2006.01) C04B 7/13 (2006.01) C04B 20/02 (2006.01) C04B 22/06 (2006.01)**
[25] EN
[54] **RECOVERY AND BENEFICIATION OF POZZOLAN DEPOSITS FOR ENHANCED PERFORMANCE IN CONCRETE**
[54] **RECUPERATION ET VALORISATION DE DEPOTS DE POUZZOLANE POUR UNE PLUS GRANDE PERFORMANCE DANS LE BETON**
[72] MINKARA, RAFIC Y., US
[72] DIAZ-LOYA, ELEAZAR IVAN, US
[72] RHODES, DOUGLAS S., US
[71] HEADWATERS INCORPORATED, US
[85] 2018-02-07
[86] 2016-08-08 (PCT/US2016/046081)
[87] (WO2017/027483)
[30] US (62/202,349) 2015-08-07

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[13] A1
[51] **Int.Cl. A61F 13/475 (2006.01)**
[25] EN
[54] **FEMININE PAD WITH BARRIER CUFFS**
[54] **SERVIETTE FEMININE AVEC BARRIERES D'ETANCHEITE FORMANT BARRIERE**
[72] HARDIE, STEPHEN LEBEUF, US
[72] CARLIN, EDWARD PAUL, US
[72] GLASSMEYER, RONDA LYNN, US
[72] TRENNEPOHL, MICHAEL DALE, US
[72] FERRER, JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-07
[86] 2016-08-19 (PCT/US2016/047736)
[87] (WO2017/034962)
[30] US (62/208,248) 2015-08-21
[30] US (62/250,560) 2015-11-04

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[13] A1
[51] **Int.Cl. A61F 13/475 (2006.01)**
[25] EN
[54] **FEMININE PAD WITH BARRIER CUFFS**
[54] **GARNITURE FEMININE AVEC REVERS FORMANT BARRIERE**
[72] HARDIE, STEPHEN LEBEUF, US
[72] CARLIN, EDWARD PAUL, US
[72] GLASSMEYER, RONDA LYNN, US
[72] TRENNEPOHL, MICHAEL DALE, US
[72] FERRER, JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-07
[86] 2016-08-19 (PCT/US2016/047740)
[87] (WO2017/034964)
[30] US (62/208,248) 2015-08-21
[30] US (62/250,560) 2015-11-04

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[51] **Int.Cl. A61F 13/475 (2006.01)**
[25] EN
[54] **FEMININE PAD WITH BARRIER CUFFS**
[54] **TAMPON FEMININ DOTE DE REVERS FORMANT BARRIERE**
[72] HARDIE, STEPHEN LEBEUF, US
[72] CARLIN, EDWARD PAUL, US
[72] GLASSMEYER, RONDA LYNN, US
[72] TRENNEPOHL, MICHAEL DALE, US
[72] FERRER, JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-02-07
[86] 2016-08-19 (PCT/US2016/047738)
[87] (WO2017/034963)
[30] US (62/208,248) 2015-08-21
[30] US (62/250,560) 2015-11-04

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[13] A1
[51] **Int.Cl. A47K 10/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT DISPENSERS WITH REDUCED SHEET PRODUCT ACCUMULATION AND RELATED METHODS**
[54] **DISTRIBUTEURS DE PRODUIT EN FEUILLE PERMETTANT UNE REDUCTION DE L'ACCUMULATION DE PRODUIT EN FEUILLE, ET PROCEDES ASSOCIES**
[72] BORKE, BRIAN SCOTT, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-02-07
[86] 2016-08-30 (PCT/US2016/049461)
[87] (WO2017/040507)
[30] US (62/211,917) 2015-08-31

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[13] A1
[51] **Int.Cl. B60S 3/00 (2006.01)**
[25] EN
[54] **LIGHTED VEHICLE WASH DRYER ASSEMBLY**
[54] **ENSEMBLE ECLAIRE DE LAVAGE/SECHAGE DE VEHICULES**
[72] BELANGER, MICHAEL J., US
[72] TURNER, BARRY S., US
[72] KOTRYCH, JERRY A., US
[72] TOGNETTI, DAVID L., US
[71] WASHME PROPERTIES, LLC, US
[85] 2018-02-07
[86] 2016-08-24 (PCT/US2016/048337)
[87] (WO2017/035204)
[30] US (62/208,924) 2015-08-24
[30] US (15/067,587) 2016-03-11
[30] US (15/068,599) 2016-03-13
[30] US (15/068,611) 2016-03-13
[30] US (15/068,602) 2016-03-13

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[13] A1
[51] **Int.Cl. G08B 17/12 (2006.01) G08B 29/04 (2006.01) G08B 29/14 (2006.01)**
[25] EN
[54] **FLAME DETECTORS AND TESTING METHODS**
[54] **DETECTEURS DE FLAMME ET PROCEDES D'ESSAI**
[72] HUSEYNOV, JAVID, US
[72] BALIGA, SHANKAR B., US
[71] GENERAL MONITORS, INC., US
[85] 2018-02-07
[86] 2016-08-30 (PCT/US2016/049507)
[87] (WO2017/044355)
[30] US (14/850,672) 2015-09-10

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[13] A1
[51] **Int.Cl. A47K 10/36 (2006.01) A47K 10/38 (2006.01)**
[25] EN
[54] **AUTOMATED PRODUCT DISPENSERS AND RELATED METHODS FOR ISOLATING A DRIVE ASSEMBLY TO INHIBIT VIBRATION TRANSMISSION**
[54] **DISTRIBUTEURS DE PRODUIT AUTOMATISE ET PROCEDES ASSOCIES POUR L'ISOLEMENT D'UN ENSEMBLE D'ENTRAINEMENT POUR INHIBER LA TRANSMISSION DE VIBRATIONS**
[72] CITTADINO, ANTONIO MICHAEL, US
[72] PETERS, MARK EDWIN, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-02-07
[86] 2016-09-14 (PCT/US2016/051591)
[87] (WO2017/048755)
[30] US (62/218,004) 2015-09-14

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[13] A1
[51] **Int.Cl. A61K 47/69 (2017.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 31/12 (2006.01) A61K 31/337 (2006.01) A61K 31/7068 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPIES FOR MALIGNANT, NEURODEGENERATIVE AND DEMYELINATING DISEASES BY THE USE OF TARGETED NANOCARRIERS**
[54] **IMMUNOTHERAPIES UTILISANT DES NANOVECTEURS CIBLES POUR TRAITER DES MALADIES MALIGNES, NEURODEGENERATIVES ET DEMYELINISANTES**
[72] SCOLARO, MICHAEL J., US
[72] SULLIVAN, SEAN M., US
[72] GIESELER, ROBERT K., DE
[72] HOZSA, CONSTANTIN, DE
[72] FURCH, MARCUS, DE
[71] RODOS BIOTARGET GMBH, DE
[71] AUGUSTUS BIOTARGET, INC., US
[85] 2018-02-08
[86] 2016-07-27 (PCT/EP2016/067931)
[87] (WO2017/017148)
[30] US (62/282101) 2015-07-27

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[13] A1
[51] **Int.Cl. H02M 7/483 (2007.01) H02M 1/08 (2006.01)**
[25] EN
[54] **VOLTAGE SOURCE CONVERTER**
[54] **CONVERTISSEUR DE SOURCE DE TENSION**
[72] MORENO MUNOZ, FRANCISCO JOSE, ES
[72] BRIFF, PABLO, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-02-08
[86] 2016-08-10 (PCT/EP2016/069062)
[87] (WO2017/029171)
[30] GB (1514745.7) 2015-08-19

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[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **SURGICAL LIGHT HAVING A VARIABLE LIGHT FIELD GEOMETRY**
[54] **SCIALYTIQUE A GEOMETRIE MODIFIABLE DU CHAMP LUMINEUX**
[72] STROLIN, JOACHIM, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
[85] 2018-02-08
[86] 2016-08-08 (PCT/EP2016/068892)
[87] (WO2017/025512)
[30] DE (10 2015 113 337.7) 2015-08-13

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[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 1/40 (2006.01)**
[25] EN
[54] **AIRCRAFT DOOR ARRANGEMENT WITH NOISE REDUCED HOLLOW SPACE WHICH CAN BE COVERED BY AN AIRCRAFT DOOR**
[54] **ENSEMBLE PORTE D'AERONEF MUNI D'ESPACE CREUX A BRUIT REDUIT POUVANT ETRE RECOUVERT PAR UNE PORTE D'AERONEF**
[72] FISCHER, MARKUS, DE
[72] HANKE, JEAN-MARC, DE
[72] DITTMANN, UWE, DE
[72] SIERCKE, MATTHIAS, DE
[72] KAGEL, SEBASTIAN, DE
[72] HOUTROUW, ENNO, DE
[72] FRENZEL, PETER-PHILIPP, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2018-02-08
[86] 2016-08-11 (PCT/EP2016/069105)
[87] (WO2017/029180)
[30] DE (102015113471.3) 2015-08-14

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[51] **Int.Cl. F42B 1/028 (2006.01) F42B 3/08 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **MULTIPLE-POINT INITIATION FOR NON-AXISYMMETRIC SHAPED CHARGE**
[54] **INITIATION A POINTS MULTIPLES POUR CHARGE DE FORME NON-AXISYMETRIQUE**
[72] MCNELIS, LIAM, DE
[72] SHAHINPOUR, ARASH, DE
[72] MULLER, JORG, DE
[71] DYNAENERGETICS GMBH & CO. KG, DE
[85] 2018-02-08
[86] 2016-08-12 (PCT/EP2016/069293)
[87] (WO2017/029240)
[30] US (62/206,496) 2015-08-18

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[13] A1
[51] **Int.Cl. A23F 5/24 (2006.01) A23L 33/105 (2016.01) A61K 36/74 (2006.01)**
[25] EN
[54] **BEVERAGE WITH HIGH SOLID CONTENT COMPRISING BETA-MANNASE**
[54] **BOISSON A HAUTE TENEUR EN MATIERES SOLIDES COMPRENANT DE LA BETA-MANNASE**
[72] SANZ-VALERO, JUAN, US
[72] CILLIERS, CORIETHA, US
[72] RAHMANI, RACHID, US
[72] NAPOLITANO, GUILLERMO, US
[72] KUSNADI, CHITRA, US
[72] CHENG, PU-SHENG, US
[71] NESTEC S.A., CH
[85] 2018-02-08
[86] 2016-08-18 (PCT/EP2016/069564)
[87] (WO2017/032677)
[30] US (62/208,449) 2015-08-21

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[13] A1
[51] **Int.Cl. H02J 3/36 (2006.01) H02M 1/32 (2007.01) H02H 9/04 (2006.01) H02J 3/18 (2006.01) H02M 7/483 (2007.01)**
[25] EN
[54] **ELECTRICAL ASSEMBLY**
[54] **ENSEMBLE ELECTRIQUE**
[72] GUPTA, ROBIN, GB
[72] WHITEHOUSE, ROBERT STEPHEN, GB
[72] BARKER, CARL DAVID, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-02-08
[86] 2016-08-18 (PCT/EP2016/069608)
[87] (WO2017/032687)
[30] GB (1514934.7) 2015-08-21

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[13] A1
[51] **Int.Cl. A61B 90/50 (2016.01) F16M 13/02 (2006.01) A61B 90/57 (2016.01) A61B 18/00 (2006.01)**
[25] EN
[54] **MEDICAL HOLDING ARM HAVING ANNULAR LED DISPLAY MEANS**
[54] **BRAS DE SUPPORT MEDICAL DOTE DE MOYENS D'AFFICHAGE A LED**
[72] NOWATSCHIN, STEPHAN, DE
[72] KRINNINGER, MAXIMILIAN, DE
[72] GIERLACH, DOMINIKUS, DE
[71] MEDINEERING GMBH, DE
[85] 2018-02-08
[86] 2016-08-11 (PCT/EP2016/069167)
[87] (WO2017/025607)
[30] EP (15180826.8-1659) 2015-08-12

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[13] A1
[51] **Int.Cl. G01N 33/66 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR MONITORING INFLAMMATION**
[54] **MOYENS ET METHODES DE SURVEILLANCE DE L'INFLAMMATION**
[72] CALLEWAERT, NICO, BE
[72] VANDERSCHAEGHE, DIETER, BE
[72] RAES, TOM, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-02-08
[86] 2016-08-26 (PCT/EP2016/070223)
[87] (WO2017/032888)
[30] EP (15182464.6) 2015-08-26

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[13] A1
[51] **Int.Cl. E02D 27/42 (2006.01) F03D 13/20 (2016.01)**
[25] EN
[54] **WIND TURBINE**
[54] **EOLIENNE**
[72] COORDES, THOMAS, DE
[72] POLLMAN, FRANK, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-02-08
[86] 2016-08-29 (PCT/EP2016/070296)
[87] (WO2017/032904)
[30] DE (10 2015 216 444.6) 2015-08-27

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE WITH ERGONOMIC OUTLET**
[54] **MACHINE A BOISSONS DOTEE D'UN ORIFICE DE SORTIE ERGONOMIQUE**
[72] BRANKO, LUKIC, US
[72] CROZIER, ETIENNE, CH
[72] GUYON, BERTRAND, FR
[72] OBLIGER, NICOLAS, FR
[72] RYUTARO TAKAYAMA, STEVEN, US
[72] THULIEZ, JEAN-LUC, CH
[71] NESTEC S.A., CH
[85] 2018-02-08
[86] 2016-09-02 (PCT/EP2016/070680)
[87] (WO2017/037212)
[30] US (PCT/US2015/048691) 2015-09-04

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[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C07C 31/04 (2006.01) C07C 31/08 (2006.01) C07C 31/10 (2006.01) C07C 31/12 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **FUEL FORMULATION**
[54] **FORMULATION DE CARBURANT**
[72] PRICE, RICHARD JOHN, GB
[72] BLOMMEL, PAUL GEORGE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-02-08
[86] 2016-08-11 (PCT/EP2016/069178)
[87] (WO2017/025612)
[30] US (62/204,531) 2015-08-13

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE WITH AN ERGONOMIC USER-INTERFACE**
[54] **MACHINE A BOISSONS POURVUE D'UNE INTERFACE UTILISATEUR ERGONOMIQUE**
[72] BRANKO, LUKIC, US
[72] CROZIER, ETIENNE, CH
[72] GUYON, BERTRAND, FR
[72] OBLIGER, NICOLAS, FR
[72] RYUTARO TAKAYAMA, STEVEN, US
[72] THULIEZ, JEAN-LUC, CH
[71] NESTEC S.A., CH
[85] 2018-02-08
[86] 2016-09-02 (PCT/EP2016/070685)
[87] (WO2017/037215)
[30] US (PCT/US2015/048693) 2015-09-04

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[13] A1
[51] **Int.Cl. G01N 21/31 (2006.01) G01N 21/03 (2006.01) G01N 21/05 (2006.01)**
[25] EN
[54] **LEACHING SYSTEM WHICH ENHANCES MONITORING OF SPECIES IN A FLUID**
[54] **SYSTEME DE LIXIVIATION QUI AMELIORE LA SURVEILLANCE D'ESPECES DANS UN FLUIDE**
[72] EARLEY, DRUMMOND, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-02-07
[86] 2015-08-06 (PCT/US2015/043914)
[87] (WO2016/022746)
[30] US (62/035,205) 2014-08-08

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[13] A1
[51] **Int.Cl. F04C 14/28 (2006.01) F04C 2/107 (2006.01)**
[25] EN
[54] **APPARATUS FOR AND METHOD OF DETERMINING PUMP FLOW IN TWIN SCREW POSITIVE DISPLACEMENT PUMPS**
[54] **APPAREIL ET PROCEDE DE DETERMINATION DE DEBIT DE POMPE DANS DES POMPES A DEPLACEMENT POSITIF A DOUBLE VIS**
[72] STAVALE, ANTHONY E., US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2018-02-08
[86] 2016-08-09 (PCT/US2016/046128)
[87] (WO2017/030829)
[30] US (14/826,616) 2015-08-14

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[13] A1
[51] **Int.Cl. B23D 45/12 (2006.01) B23C 3/12 (2006.01) B23D 21/04 (2006.01) B23Q 9/00 (2006.01) B24B 9/0[illegible] (2006.01) B24B 27/06 (2006.01)**
[25] EN
[54] **LARGE DIAMETER TRAVELLING PIPE CUTTER**
[54] **COUPE-TIGE MOBILE A GRAND DIAMETRE**
[72] PIERCE, KENNETH R., US
[72] GEARHART, MICHAEL W., US
[72] GIBERMAN, ALEXANDER S., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-08
[86] 2016-08-09 (PCT/US2016/046175)
[87] (WO2017/027514)
[30] US (62/203,049) 2015-08-10

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[13] A1
[51] **Int.Cl. C07K 1/16 (2006.01) A01H 4/00 (2006.01) A23J 1/00 (2006.01) C07C 51/64 (2006.01) C07C 55/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR EXTRACTING REDUCED OXALIC ACID PROTEIN FROM AQUATIC SPECIES AND COMPOSITIONS THEREOF**
[54] **PROCEDES ET SYSTEMES PERMETTANT L'EXTRACTION D'UNE PROTEINE A TENEUR REDUITE EN ACIDE OXALIQUE ISSUE D'ESPECES AQUATIQUES, ET COMPOSITIONS DE CELLE-CI**
[72] SHERLOCK, PETER, US
[72] VANERT, MATTHEW NEAL, US
[72] CARPIO, VALENTINA, US
[71] PARABEL LTD., KY
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046422)
[87] (WO2017/027634)
[30] US (62/203,199) 2015-08-10

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[13] A1
[51] **Int.Cl. G01F 1/42 (2006.01) G01F 15/18 (2006.01)**
[25] EN
[54] **ORIFICE PLATE ASSEMBLY**
[54] **ENSEMBLE PLAQUE A ORIFICE**
[72] JAY, GREGORY THERON, US
[72] CROUCH, JUSTIN BLAKE, US
[71] DANIEL MEASUREMNET AND CONTROL, INC., US
[85] 2018-02-08
[86] 2016-08-11 (PCT/US2016/046473)
[87] (WO2017/027663)
[30] US (14/824,246) 2015-08-12

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[13] A1
[51] **Int.Cl. C09C 1/36 (2006.01) A61K 8/02 (2006.01) A61K 8/29 (2006.01) A61K 8/892 (2006.01) A61Q 17/04 (2006.01) B01F 17/00 (2006.01) B01F 17/54 (2006.01) C09C 1/00 (2006.01) C09C 1/04 (2006.01) C09C 1/24 (2006.01) C09C 1/30 (2006.01) C09C 1/40 (2006.01) C09C 3/12 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL COATED POWDERS AND HIGH SOLIDS DISPERSIONS**
[54] **POUDRES REVETUES MULTIFONCTIONNELLES ET DISPERSIONS A HAUTE TENEUR EN MATIERES SOLIDES**
[72] SHAH, KUSHAL, US
[72] SARKAS, HARRY W., US
[72] MURRY, PATRICK G., US
[71] NANOPHASE TECHNOLOGIES CORPORATION, US
[85] 2018-02-08
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[87] (WO2017/019026)

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[51] **Int.Cl. H01R 13/639 (2006.01) H01R 13/422 (2006.01)**
[25] EN
[54] **PUSH-LOCK ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE A VERROUILLAGE PAR POUSSEE**
[72] JOZWIK, KEITH A., US
[72] MURPHY, JOSEPH F., US
[71] WOODHEAD INDUSTRIES, INC., US
[85] 2018-02-08
[86] 2015-08-19 (PCT/US2015/045811)
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[13] A1
[51] **Int.Cl. A01N 33/02 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 57/20 (2006.01)**
[25] EN
[54] **STABLE HIGH-LOAD HERBICIDAL COMPOSITIONS COMPRISING MIXED AMINE OXIDES**
[54] **COMPOSITIONS HERBICIDES A CHARGE ELEVEE STABLES COMPRENANT DES OXYDES D'AMINES MELANGES**
[72] RUCH, THOMAS, US
[72] GIOIA, PAUL, AU
[72] MONTEROSSO, RENATO, AU
[72] SHANMUGA, KRISH, US
[71] RHODIA OPERATIONS, FR
[85] 2018-02-08
[86] 2016-08-11 (PCT/US2016/046484)
[87] (WO2017/027668)
[30] US (62/203,444) 2015-08-11

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[13] A1
[51] **Int.Cl. B29C 70/02 (2006.01)**
[25] EN
[54] **PREPREG MATERIAL CAPABLE OF PROVIDING LIGHTNING STRIKE PROTECTION AND BURN-THROUGH RESISTANCE**
[54] **MATERIAU PRE-IMPREGNE CAPABLE D'ASSURER UNE PROTECTION CONTRE LE FOUDROIEMENT ET DE RESISTER AUX BRULURES PERFORANTES**
[72] LENZI, FIORENZO, IT
[71] CYTEC INDUSTRIES INC., US
[85] 2018-02-08
[86] 2016-08-10 (PCT/US2016/046311)
[87] (WO2017/027569)
[30] US (62/203,021) 2015-08-10

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[13] A1
[51] **Int.Cl. G01T 1/20 (2006.01) G01T 1/202 (2006.01)**
[25] EN
[54] **DARK CURRENT CORRECTION IN SCINTILLATOR DETECTORS FOR DOWNHOLE NUCLEAR APPLICATIONS**
[54] **CORRECTION DE COURANT D'OBSCURITE DANS DES DETECTEURS A SCINTILLATEURS POUR DES APPLICATIONS NUCLEAIRES DE FOND**
[72] VEHRA, IMRAN SHARIF, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-08
[86] 2015-09-14 (PCT/US2015/049931)
[87] (WO2017/048220)

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[51] **Int.Cl. H02P 27/04 (2016.01) E21B 4/12 (2006.01) H02K 11/00 (2016.01) H02P 1/02 (2006.01)**
[25] EN
[54] **MULTIPLE SUPPLY VOLTAGE MOTOR ASSEMBLY**
[54] **ENSEMBLE MOTEUR A MULTIPLES TENSIONS D'ALIMENTATION**
[72] BACHMAN, TROY DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-08
[86] 2015-09-18 (PCT/US2015/050942)
[87] (WO2017/048279)

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[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 36/48 (2006.01) A61K 36/87 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS INCLUDING AMPELOPSIS GROSSEDENTATA AND ALBIZIA JULIBRISSIN EXTRACTS AND METHODS OF USE**
[54] **COMPOSITIONS COMPRENANT DES EXTRAITS D'AMPELOPSIS GROSSEDENTATA ET D'ALBIZIA JULIBRISSIN ET METHODES D'UTILISATION**
[72] DU, HUA, CN
[72] LI, YAN, CN
[72] LIU, TAO, CN
[72] MA, YINGXIN, CN
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-02-08
[86] 2016-08-11 (PCT/US2016/046559)
[87] (WO2017/030898)
[30] CN (201510500612.1) 2015-08-14
[30] US (14/863,573) 2015-09-24
[30] US (14/863,600) 2015-09-24
[30] US (14/863,629) 2015-09-24
[30] US (14/863,660) 2015-09-24

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[13] A1
[51] **Int.Cl. B60R 22/12 (2006.01) B25F 1/00 (2006.01) B60R 22/26 (2006.01)**
[25] EN
[54] **VEHICLE SAFETY DEVICE**
[54] **DISPOSITIF DE SECURITE POUR VEHICULE**
[72] NOGUERA, ANGEL, US
[71] NOGUERA, ANGEL, US
[85] 2018-02-08
[86] 2016-08-11 (PCT/US2016/046577)
[87] (WO2017/027719)
[30] US (62/204,019) 2015-08-12

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[13] A1
[51] **Int.Cl. C04B 41/85 (2006.01) C04B 41/00 (2006.01) C04B 41/50 (2006.01) C04B 41/52 (2006.01) C04B 41/89 (2006.01) C23C 4/10 (2016.01) C23C 28/04 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **DENSE ENVIRONMENTAL BARRIER COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT FORMANT UNE BARRIERE DENSE ISOLANT DE L'ENVIRONNEMENT**
[72] KIRBY, GLEN HAROLD, US
[72] WAN, JULIN, US
[72] RAMASAMY, SIVAKUMAR, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-02-08
[86] 2016-08-17 (PCT/US2016/047274)
[87] (WO2017/031163)
[30] US (62/206,318) 2015-08-18
[30] US (62/206,319) 2015-08-18

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[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CABLE**
[54] **CABLE A FIBRE OPTIQUE**
[72] BAETZ, HOLGER, DE
[72] BRINGUIER, ANNE GERMAINE, US
[72] KINNERA, RAVINDER KUMAR, DE
[72] NICHOLSON, WESLEY BRIAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-02-08
[86] 2016-08-03 (PCT/US2016/045306)
[87] (WO2017/027283)
[30] US (62/203,509) 2015-08-11

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[25] EN
[54] **POLYETHER POLYOL COMPOSITIONS AND POLYURETHANE FOAMS FORMED THEREFROM**
[54] **COMPOSITIONS DE POLYOL DE POLYETHER ET MOUSSES DE POLYURETHANE FORMEES A PARTIR DE CELLES-CI**
[72] LOVEDAY, ANTHONY R., US
[72] MARTINEZ, ELOY C., US
[72] LAMBACH, JAMES L., US
[72] ROMERO, RICHARD RAUL, US
[72] YOUNES, USAMA E., US
[72] ANDERSON, RAY JOSEPH, US
[71] COVESTRO LLC, US
[85] 2018-02-08
[86] 2016-08-03 (PCT/US2016/045324)
[87] (WO2017/027288)
[30] US (14/825,608) 2015-08-13

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTIBODIES AND ASSAYS FOR DETECTION OF CD37**
[54] **ANTICORPS ET DOSAGES POUR LA DETECTION DE CD37**
[72] DECKERT, JUTTA, US
[72] TAVARES, DANIEL, US
[72] RUI, LINGYUN, US
[72] LOEBRICH, SVEN, US
[72] KELLY, MEGHAN, US
[71] DEBIOPHARM INTERNATIONAL, S.A., CH
[85] 2018-02-08
[86] 2016-08-26 (PCT/US2016/048887)
[87] (WO2017/040247)
[30] US (62/211,455) 2015-08-28
[30] US (62/212,183) 2015-08-31

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[51] **Int.Cl. A01K 67/027 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **RODENT MODEL OF PROSTATE CANCER**
[54] **MODELE DE CANCER DE LA PROSTATE CHEZ LE RONGEUR**
[72] SIAO, CHIA-JEN, US
[72] LEE, HOI-CHING, US
[72] LI, ZHE, US
[72] LAI, KA-MAN VENUS, US
[72] THURSTON, GAVIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-02-08
[86] 2016-09-01 (PCT/US2016/049823)
[87] (WO2017/040738)
[30] US (62/213,389) 2015-09-02

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[13] A1
[51] **Int.Cl. A23L 33/185 (2016.01) A23L 33/00 (2016.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR MODULATION OF INSULIN RESISTANCE AND GUT-DERIVED HORMONES USING COMPOSITE FOOD PRODUCTS**
[54] **MATERIAUX ET PROCEDES DE MODULATION DE LA RESISTANCE A L'INSULINE ET DES HORMONES INTESTINALES A L'AIDE DE PRODUITS ALIMENTAIRES COMPOSITES**
[72] SEARS, BARRY D., US
[71] SEARS, BARRY D., US
[85] 2018-02-08
[86] 2016-08-04 (PCT/US2016/045533)
[87] (WO2017/030801)
[30] US (62/205,158) 2015-08-14
[30] US (62/205,173) 2015-08-14
[30] US (62/234,829) 2015-09-30

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[51] **Int.Cl. C22C 21/02 (2006.01) B22D 21/00 (2006.01) B22D 21/04 (2006.01)**
[25] EN
[54] **IMPROVED 3XX ALUMINUM CASTING ALLOYS, AND METHODS FOR MAKING THE SAME**
[54] **ALLIAGES DE MOULAGE D'ALUMINIUM 3XX AMELIORES, ET LEURS PROCEDES DE FABRICATION**
[72] YAN, XINYAN, US
[72] LIN, JEN C., US
[71] ALCOA USA CORP., US
[85] 2018-02-08
[86] 2016-08-11 (PCT/US2016/046613)
[87] (WO2017/027734)
[30] US (62/204,762) 2015-08-13

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[13] A1
[51] **Int.Cl. G07B 15/02 (2011.01) G06Q 20/04 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **MOBILE WIRELESS PAYMENT AND ACCESS**
[54] **PAIEMENT ET ACCES MOBILES SANS FIL**
[72] DIXON, PHILIP B., US
[72] BONNEAU, WALTER C., US
[72] PAETZOLD, KAY, DE
[72] DEKOZAN, RAYMOND L., US
[72] COOK, TIMOTHY, US
[72] MISTRY, PRADIP, US
[71] CUBIC CORPORATION, US
[85] 2018-02-08
[86] 2016-08-05 (PCT/US2016/045755)
[87] (WO2017/027369)
[30] US (14/825,080) 2015-08-12

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[13] A1
[51] **Int.Cl. H01H 71/24 (2006.01) H01H 71/28 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER**
[54] **DISJONCTEUR**
[72] KOPF, HENDRIK-CHRISTIAN, DE
[72] WILKENING, ERNST-DIETER, DE
[71] ELLENBERGER & POENSGEN GMBH, DE
[85] 2018-02-05
[86] 2016-05-19 (PCT/EP2016/061299)
[87] (WO2017/021022)
[30] DE (10 2015 214 966.8) 2015-08-05

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[13] A1
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **DRILL GUIDE AND METHOD OF MANUFACTURE THEREOF**
[54] **GUIDE-FORET ET SON PROCEDE DE FABRICATION**
[72] CHENEY, DANIEL F., US
[72] RITZ, JOSEPH P., US
[72] KNIGHT, ADAM T., US
[71] BIOMEDICAL ENTERPRISES, INC., US
[85] 2018-02-08
[86] 2016-08-09 (PCT/US2016/046126)
[87] (WO2017/027497)
[30] US (14/823,726) 2015-08-11

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[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) A44C 15/00 (2006.01) A61C 5/00 (2017.01) A61C 13/107 (2006.01)**
[25] FR
[54] **MODEL FOR COSMETIC DENTAL RESTORATION, DENTAL JEWELLERY DEVICE**
[54] **MAQUETTE POUR RESTAURATION DENTAIRE ESTHETIQUE, DISPOSITIF DE PARURE DENTAIRE**
[72] STEMMER, ARMAND, FR
[72] DEVILLE, CHARLES LOUIS MARIE, FR
[72] LENNES, JEAN-BAPTISTE, FR
[72] OHANA, MICHAEL, FR
[71] LYRA HOLDING, BE
[85] 2018-02-09
[86] 2016-07-25 (PCT/EP2016/067636)
[87] (WO2017/025304)
[30] FR (1557643) 2015-08-10
[30] FR (1650857) 2016-02-03

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[13] A1
[51] **Int.Cl. A61M 39/28 (2006.01)**
[25] EN
[54] **BREAKER DEVICE FOR ACTING ONTO A CLOSURE ELEMENT OF A MEDICAL TUBING**
[54] **DISPOSITIF DE COUPURE POUR AGIR SUR UN ELEMENT DE FERMETURE D'UNE TUBULURE MEDICALE**
[72] BRUCKNER, THOMAS, DE
[72] HENNECKE, CHRISTIAN, DE
[71] FRESENUIS KABI DEUTSCHLAND GMBH, DE
[85] 2018-02-09
[86] 2016-08-01 (PCT/EP2016/068263)
[87] (WO2017/045825)
[30] EP (15185069.0) 2015-09-14

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[13] A1
[51] **Int.Cl. A21B 7/00 (2006.01) B65G 1/04 (2006.01) G07F 11/26 (2006.01)**
[25] EN
[54] **FOODSTUFF-CONVEYING AND -DISCHARGING APPARATUS**
[54] **DISPOSITIF DE TRANSPORT ET DE DISTRIBUTION DE PRODUITS ALIMENTAIRES**
[72] WEISS, REINALD, DE
[71] R. WEISS VERPACKUNGSTECHNIK GMBH & CO. KG, DE
[85] 2018-02-09
[86] 2016-08-10 (PCT/EP2016/069087)
[87] (WO2017/025576)
[30] DE (10 2015 113 400.4) 2015-08-13

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[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01) A01N 43/653 (2006.01) C07D 213/64 (2006.01) C07D 213/65 (2006.01) C07D 403/06 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **TRIAZOLE DERIVATIVES, INTERMEDIATES THEREOF AND THEIR USE AS FUNGICIDES**
[54] **DERIVES DE TRIAZOLE, LEURS INTERMEDIAIRES ET LEUR UTILISATION COMME FONGICIDES**
[72] HOFFMANN, SEBASTIAN, DE
[72] SUDAU, ALEXANDER, DE
[72] DAHMEN, PETER, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MEISSNER, RUTH, DE
[72] GEIST, JULIE, FR
[72] BERNIER, DAVID, FR
[72] VORS, JEAN-PIERRE, FR
[72] COQUERON, PIERRE-YVES, FR
[72] WITTROCK, SVEN, DE
[72] MILLER, RICARDA, FR
[72] NAUD, SEBASTIEN, FR
[72] BRUNET, STEPHANE, FR
[72] GENIX, PIERRE, FR
[72] KENNEL, PHILIPPE, FR
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-02-09
[86] 2016-08-11 (PCT/EP2016/069097)
[87] (WO2017/029179)
[30] EP (15181152.8) 2015-08-14
[30] EP (15200792.8) 2015-12-17

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR STUDYING NUCLEIC ACIDS**
[54] **PROCEDES POUR L'ETUDE DES ACIDES NUCLEIQUES**
[72] BOCK, CHRISTOPH, AT
[72] SCHMIDL, CHRISTIAN, AT
[71] CEMM FORSCHUNGSZENTRUM FUR MOLEKULARE MEDIZIN GMBH, AT
[85] 2018-02-09
[86] 2016-08-11 (PCT/EP2016/069121)
[87] (WO2017/025594)
[30] EP (15180705.4) 2015-08-12
[30] EP (15189788.1) 2015-10-14

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[13] A1
[51] **Int.Cl. C07D 231/12 (2006.01) A01N 43/48 (2006.01) A01P 7/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS FOR CONTROLLING ARTHROPODS**
[54] **COMPOSES NOVATEURS DESTINES A CONTROLER LES ARTHROPODES**
[72] HARSCHNECK, TOBIAS, DE
[72] MAUE, MICHAEL, DE
[72] HALLENBACH, WERNER, DE
[72] ARLT, ALEXANDER, DE
[72] VELTEN, ROBERT, DE
[72] FISCHER, REINER, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] GORGENS, ULRICH, DE
[72] ILG, KERSTIN, DE
[72] RAMING, KLAUS, DE
[72] HORSTMANN, SEBASTIAN, DE
[72] PORTZ, DANIELA, DE
[72] KOBBERLING, JOHANNES, DE
[72] TURBERG, ANDREAS, DE
[72] DIETRICH, HANSJORG, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-02-09
[86] 2016-08-11 (PCT/EP2016/069110)
[87] (WO2017/025590)
[30] EP (15180925.8) 2015-08-13

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[13] A1
[51] **Int.Cl. C21D 1/34 (2006.01) F27D 99/00 (2010.01) C21D 1/62 (2006.01) F27D 9/00 (2006.01) F27D 15/00 (2006.01) F27D 15/02 (2006.01)**
[25] EN
[54] **OVEN DEVICE FOR HEAT-TREATING A METAL BLANK**
[54] **DISPOSITIF A FOUR PERMETTANT DE TRAITER THERMIQUEMENT UNE PLATINE METALLIQUE**
[72] ECKERTSBERGER, GERALD, AT
[72] FUCHS, THOMAS, AT
[72] EBNER, FRITZ JOSEF, AT
[72] LOCHNER, HERIBERT, AT
[72] EBNER, ROBERT, AT
[71] EBNER INDUSTRIEOFENBAU GMBH, AT
[85] 2018-02-09
[86] 2016-08-12 (PCT/EP2016/069265)
[87] (WO2017/025632)
[30] DE (10 2015 113 407.1) 2015-08-13

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **METHOD FOR THE QUANTIFICATION OF FAECALIBACTERIUM PRAUSNITZII PHYLOGROUP I AND/OR PHYLOGROUP II MEMBERS AND THE USE THEREOF AS BIOMARKERS**
[54] **PROCEDE POUR LA QUANTIFICATION DE MEMBRES DU PHYLOGROUPE I ET/OU DU PHYLOGROUPE II DE FAECALIBACTERIUM PRAUSNITZII ET LEUR UTILISATION EN TANT QUE BIOMARQUEURS**
[72] LOPEZ SILES, MIREIA, ES
[72] GARCIA GIL, LIBRADO JESUS, ES
[72] ALDEGUER MANTE, XAVIER, ES
[72] MARTINEZ MEDINA, MARGARITA, ES
[71] UNIVERSITAT DE GIRONA, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE GIRONA DR. JOSEP TRUETA, ES
[71] GOODGUT S.L., ES
[85] 2018-02-09
[86] 2016-08-11 (PCT/EP2016/069188)
[87] (WO2017/025617)
[30] EP (15382427.1) 2015-08-11

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[13] A1
[51] **Int.Cl. C03C 3/087 (2006.01) C03C 3/097 (2006.01) C03C 10/04 (2006.01)**
[25] EN
[54] **LITHIUM SILICATE-LOW QUARTZ GLASS CERAMIC**
[54] **VITROCERAMIQUE A BASE DE SILICATE DE LITHIUM ET DE QUARTZ ?LPHA**
[72] RITZBERGER, CHRISTIAN, CH
[72] RAMPF, MARKUS, CH
[72] HOLAND, WOLFRAM, LI
[72] DITTMER, MARC, AT
[72] SCHWEIGER, MARCEL, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2018-02-09
[86] 2016-08-22 (PCT/EP2016/069807)
[87] (WO2017/032745)
[30] EP (15182307.7) 2015-08-25
[30] EP (15190547.8) 2015-10-20

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[13] A1
[51] **Int.Cl. H04W 12/06 (2009.01) H04W 48/18 (2009.01)**
[25] EN
[54] **NETWORK ACCESS IDENTIFIER INCLUDING AN IDENTIFIER FOR A CELLULAR ACCESS NETWORK NODE**
[54] **IDENTIFIANT D'ACCES AU RESEAU COMPRENANT UN IDENTIFIANT POUR UN N□UD DE RESEAU D'ACCES CELLULAIRE**
[72] BARRETT, STEPHEN JOHN, GB
[72] VUTUKURI, ESWAR, GB
[71] BLACKBERRY LIMITED, CA
[85] 2018-02-09
[86] 2016-08-12 (PCT/EP2016/069243)
[87] (WO2017/025629)
[30] US (14/824,898) 2015-08-12

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[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/407 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **BRAIN-PENETRANT CHROMONE OXIME DERIVATIVE FOR THE THERAPY OF LEVODOPA-INDUCED DYSKINESIA**
[54] **DERIVE DE CHROMONE OXIME PENETRANT LE CERVEAU POUR LA THERAPIE DE LA DYSKINESIE INDUITE PAR LA LEVODOPA**
[72] CHARVIN, DELPHINE, FR
[72] CONQUET, FRANCOIS, FR
[71] PREXTON THERAPEUTICS SA, CH
[85] 2018-02-09
[86] 2016-08-26 (PCT/EP2016/070175)
[87] (WO2017/032874)
[30] EP (PCT/EP2015/069601) 2015-08-27
[30] EP (15188368.3) 2015-10-05

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[13] A1
[51] **Int.Cl. C12N 15/90 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DNA RECOMBINATION**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A UNE RECOMBINAISON D'ADN**
[72] JARVIS, MICHAEL, GB
[72] MURPHY, AISLING, GB
[72] BARRY, PETER, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNIVERSITY OF PLYMOUTH, GB
[85] 2018-02-08
[86] 2016-08-05 (PCT/EP2016/068782)
[87] (WO2017/025472)
[30] GB (1514034.6) 2015-08-08

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[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61L 2/26 (2006.01)**
[25] EN
[54] **STERILIZATION TRAY PROTECTION MECHANISMS**
[54] **MECANISMES DE PROTECTION DE PLATEAU DE STERILISATION**
[72] TAKKEN, WENDY, US
[72] HOUDE, AJAY, US
[72] WRIGHT, AUDRA, US
[72] LIEN, KHOA, US
[72] CESA, JOE, US
[72] SPENCER, ANTHONY STEPHEN, US
[72] O'SHEA, PAIGE, US
[71] AVENT, INC., US
[85] 2018-02-09
[86] 2015-08-13 (PCT/US2015/044957)
[87] (WO2017/027032)

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[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61L 2/26 (2006.01)**
[25] EN
[54] **STERILIZATION TRAY PROTECTION MECHANISMS**
[54] **MECANISMES DE PROTECTION DE PLATEAU DE STERILISATION**
[72] TAKKEN, WENDY, US
[72] HOUDE, AJAY, US
[72] WRIGHT, AUDRA, US
[72] LIEN, KHOA, US
[72] CESA, JOE, US
[72] SPENCER, ANTHONY STEPHEN, US
[72] O'SHEA, PAIGE, US
[71] AVENT, INC., US
[85] 2018-02-09
[86] 2015-08-13 (PCT/US2015/044959)
[87] (WO2017/027033)

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/02 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **PROPPANT COMPRISING SWELLABLE COATING THEREON FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **AGENT DE SOUTENEMENT COMPRENANT DESSUS UN REVETEMENT GONFLABLE POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] PRAVESH, JAG, IN
[72] SALLA, RAJENDER, IN
[72] NGUYEN, PHILIP, US
[72] MISHRA, VAISHALI, IN
[72] KADAM, SUNITA, IN
[72] PATIL, RAHUL, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-09
[86] 2015-09-14 (PCT/US2015/049947)
[87] (WO2017/048222)

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[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01) A61M 39/08 (2006.01)**
[25] EN
[54] **BREAKER DEVICE FOR ACTING ONTO A CLOSURE ELEMENT OF A MEDICAL TUBING**
[54] **DISPOSITIF DE COUPURE POUR AGIR SUR UN ELEMENT DE FERMETURE D'UNE TUBULURE MEDICALE**
[72] BRUCKNER, THOMAS, DE
[72] HENNECKE, CHRISTIAN, DE
[72] JUKOVIC, SAFET, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2018-02-09
[86] 2016-08-01 (PCT/EP2016/068264)
[87] (WO2017/045826)
[30] EP (EP15185036.9) 2015-09-14

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[51] **Int.Cl. F02B 47/02 (2006.01) F01B 1/06 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE/GENERATOR WITH PRESSURE BOOST**
[54] **MOTEUR A COMBUSTION INTERNE/GENERATEUR A SURPRESSION**
[72] RUSSELL, ROBERT L., US
[71] RUSSELL ENERGY CORPORATION, US
[85] 2018-02-09
[86] 2016-05-23 (PCT/US2016/033701)
[87] (WO2017/003578)
[30] US (14/754,060) 2015-06-29

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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/10 (2006.01) C08G 18/20 (2006.01) C08G 18/24 (2006.01) C08G 18/28 (2006.01) C08G 18/71 (2006.01) C08G 18/73 (2006.01) C08G 18/75 (2006.01) C08G 18/76 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A RING-OPENING POLYMERIZATION PRODUCT**
[54] **PROCEDE POUR PRODUIRE UN PRODUIT DE POLYMERISATION AVEC OUVERTURE DE CYCLE**
[72] PUTZIEN, SOPHIE, DE
[72] KOEHLER, MAXIMILIAN, DE
[72] HEIMO, WOELFLE, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2018-02-09
[86] 2016-08-01 (PCT/EP2016/068267)
[87] (WO2017/025365)
[30] EP (15180420.0) 2015-08-10

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[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **CORE-SHELL PARTICLES FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **PARTICULES COEUR-ECORCE POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] HALL, LEE, US
[72] DEVILLE, JAY PAUL, US
[72] VARNOSFADERANI, MOHAMMAD VATANKHAH, US
[72] SHEYKO, SERGEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-09
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[25] EN
[54] **USING MULTIPLE LAYERS OF POLICY MANAGEMENT TO MANAGE RISK**
[54] **UTILISATION DE PLUSIEURS COUCHES DE GESTION DE POLITIQUE POUR GERER LE RISQUE**
[72] HUTTON, SAM, GB
[72] SHIRK, LEON, GB
[71] GLASSWALL (IP) LIMITED, GB
[85] 2018-02-09
[86] 2016-08-05 (PCT/EP2016/068824)
[87] (WO2017/025488)
[30] US (14/825,808) 2015-08-13

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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **AUTOMATED TRANSIT VALIDATION RULE UPDATING**
[54] **MISE A JOUR DE REGLE DE VALIDATION DE TRANSIT AUTOMATISEE**
[72] SMITH, GAVIN, GB
[72] PACKHAM, JON, GB
[72] REYMANN, STEFFEN, GB
[71] CUBIC CORPORATION, US
[85] 2018-02-09
[86] 2016-07-07 (PCT/US2016/041269)
[87] (WO2017/030671)
[30] US (62/206,133) 2015-08-17
[30] US (15/165,252) 2016-05-26

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[25] EN
[54] **MATERIALS AND METHODS FOR IMPROVING GASTROINTESTINAL HEALTH**
[54] **MATIERES ET PROCEDES D'AMELIORATION DE LA SANTE GASTRO-INTESTINALE**
[72] LAU, FRANCIS C., US
[72] DAGGY, BRUCE P., US
[72] FAKOUKAKIS, EMANUEL P., US
[71] SHAKLEE CORPORATION, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046370)
[87] (WO2017/027601)
[30] US (62/203,566) 2015-08-11
[30] US (15/233,204) 2016-08-10

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[51] **Int.Cl. B65F 1/16 (2006.01) E05B 17/00 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR WASTE CONTAINER**
[54] **DISPOSITIF DE VERROUILLAGE POUR RECIPIENT POUR ORDURES**
[72] REEB, DAVID L., US
[72] MARTIN, JAMES L., II, US
[71] SERIO-US INDUSTRIES, INC., US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046393)
[87] (WO2017/027616)
[30] US (62/203,163) 2015-08-10

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[51] **Int.Cl. B65D 71/58 (2006.01)**
[25] EN
[54] **ARTICLE CARRIER AND BLANK THEREFOR**
[54] **EMBALLAGE DE TRANSPORT D'ARTICLES ET FLAN ASSOCIE**
[72] BALL, NATHANIEL B., US
[72] HAYSLETTE, DAVID T., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046471)
[87] (WO2017/027661)
[30] US (62/203,425) 2015-08-11

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRACKING CONTAINERS**
[54] **PROCEDE ET SYSTEME POUR SUIVRE DES CONTENANTS**
[72] SMITH, ROGER P., US
[72] ANDERSON, CHRIS D., US
[72] DANGMANN, OLIVIER, FR
[72] CARACCIOLO, ANTHONY R., US
[72] INGLE, CASEY L., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2018-02-09
[86] 2016-08-04 (PCT/US2016/045465)
[87] (WO2017/039935)
[30] US (14/842,434) 2015-09-01

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[51] **Int.Cl. C07D 211/26 (2006.01) A61K 31/44 (2006.01) C07D 211/32 (2006.01)**
[25] EN
[54] **SALTS OF AN LSD1 INHIBITOR**
[54] **SELS D'UN INHIBITEUR DE LSD1**
[72] LI, QUN, US
[72] PAN, YONGCHUN, US
[72] HAN, WAYNE, US
[72] CAO, GANFENG, US
[72] FRIETZE, WILLIAM, US
[72] JIA, ZHONGJIANG, US
[72] SHARIEF, VAQAR, US
[72] ZHOU, JIACHENG, US
[71] INCYTE CORPORATION, US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046497)
[87] (WO2017/027678)
[30] US (62/204,105) 2015-08-12
[30] US (62/326,246) 2016-04-22

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[51] **Int.Cl. H04W 48/10 (2009.01) H04W 88/10 (2009.01)**
[25] EN
[54] **MULTI-RADIO ACCESS TECHNOLOGY SYNCHRONIZATION SIGNAL**
[54] **SIGNAL DE SYNCHRONISATION DE TECHNOLOGIES D'ACCES RADIO MULTIPLES**
[72] WANG, XIAO FENG, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-09
[86] 2016-08-08 (PCT/US2016/045973)
[87] (WO2017/044223)
[30] US (62/216,321) 2015-09-09
[30] US (15/045,477) 2016-02-17

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[51] **Int.Cl. C07D 307/93 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING BERAPROST**
[54] **PROCEDE DE PREPARATION DE BERAPROST**
[72] BATRA, HITESH, US
[72] GUO, LIANG, US
[71] UNITED THERAPEUTICS CORPORATION, US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046552)
[87] (WO2017/027706)
[30] US (62/204,145) 2015-08-12

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[51] **Int.Cl. C07H 21/00 (2006.01) A61K 31/7084 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CYCLIC DI-NUCLEOTIDE COMPOUNDS AS STING AGONISTS**
[54] **COMPOSES DE DI-NUCLEOTIDE CYCLIQUE EN TANT QU'AGONISTES STING (STIMULATEUR DE GENE INTERFERON)**
[72] ALTMAN, MICHAEL D., US
[72] ANDRESEN, BRIAN, US
[72] CHANG, WONSUK, US
[72] CHILDERS, MATTHEW LLOYD, US
[72] CUMMING, JARED N., US
[72] HAIDLE, ANDREW MARC, US
[72] HENDERSON, TIMOTHY J., US
[72] JEWELL, JAMES P., US
[72] LIANG, RUI, US
[72] LIM, JONGWON, US
[72] LIU, HONG, US
[72] LU, MIN, US
[72] NORTHRUP, ALAN B., US
[72] OTTE, RYAN D., US
[72] SIU, TONY, US
[72] TROTTER, BENJAMIN WESLEY, US
[72] TRUONG, QUANG T., US
[72] WALSH, SHAWN P., US
[72] ZHAO, KAKE, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046444)
[87] (WO2017/027646)
[30] US (62/204,677) 2015-08-13
[30] US (62/268,723) 2015-12-17
[30] US (62/356,125) 2016-06-29

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[51] **Int.Cl. C07D 405/12 (2006.01) A61K 31/397 (2006.01) A61K 31/4025 (2006.01) A61K 31/4523 (2006.01) A61P 3/10 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01)**
[25] EN
[54] **FUMAGILLOL HETEROCYCLIC COMPOUNDS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSES HETEROCYCLIQUES FUMAGILLOL, ET PROCEDES CORRESPONDANTS DE FABRICATION ET D'UTILISATION**
[72] ZAHLER, ROBERT, US
[72] VATH, JAMES E., US
[71] ZAFGEN, INC., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046511)
[87] (WO2017/027684)
[30] US (62/203,742) 2015-08-11

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[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **TOOL DETECTION AND ALIGNMENT FOR TOOL INSTALLATION**
[54] **DETECTION ET ALIGNEMENT D'OUTIL POUR MISE EN PLACE D'OUTIL**
[72] HEBEBRAND, CHRISTINA KARIN, DE
[72] THIEMANN, BJOERN, DE
[72] LIESS, MARTIN, DE
[72] WERN, FRANK, DE
[72] ZOUHAIR, AICAM, US
[72] OWNBY, JOHN FIELDING, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046445)
[87] (WO2017/027647)
[30] US (62/203,692) 2015-08-11

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/397 (2006.01) A61K 31/403 (2006.01) A61K 31/407 (2006.01) A61K 31/438 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 3/04 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/10 (2006.01) C07D 491/048 (2006.01) C07D 491/107 (2006.01) C07D 495/10 (2006.01)**
[25] EN
[54] **FUMAGILLOL SPIROCYCLIC COMPOUNDS AND FUSED BICYCLIC COMPOUNDS AND THEIR USE AS METAP2 INHIBITORS**
[54] **COMPOSES SPIROCYCLIQUES DE TYPE FUMAGILLOL ET COMPOSES BICYCLIQUES CONDENSES ET LEUR UTILISATION COMME INHIBITEURS DE LA METAP2**
[72] ZAHLER, ROBERT, US
[72] CAI, ZHENWEI, US
[72] WU, ZHIXING, CN
[72] VATH, JAMES E., US
[71] ZAFGEN, INC., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046515)
[87] (WO2017/027687)
[30] CN (201510490559.1) 2015-08-11
[30] US (62/210,102) 2015-08-26

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[51] **Int.Cl. G01S 7/38 (2006.01) G01S 7/02 (2006.01) G01S 7/282 (2006.01) G01S 13/26 (2006.01) H04K 3/00 (2006.01)**
[25] EN
[54] **PROGRAMMABLE APPARATUS FOR SYNTHESIZED FILTER NOTCH**
[54] **APPAREIL PROGRAMMABLE POUR ENCOCHE DE FILTRE DE SYNTHESE**
[72] MCLEAN, CHRIS S., US
[72] MARR, HARRY B., JR., US
[72] HSU, RAY T., US
[71] RAYTHEON COMPANY, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046284)
[87] (WO2017/027556)
[30] US (14/823,462) 2015-08-11

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[51] **Int.Cl. F16F 1/38 (2006.01)**
[25] EN
[54] **VEHICLE SUSPENSION BUSHING ASSEMBLIES AND METHODS FOR MANUFACTURING SUCH BUSHING ASSEMBLIES**
[54] **ENSEMBLES DE FOURRURE DE SUSPENSION DE VEHICULE ET PROCEDES DE FABRICATION DE TELS ENSEMBLES DE FOURRURE**
[72] ZIMMERMAN, RANDY J., US
[72] NGUYEN, QUANG C., US
[71] HENDRICKSON USA, L.L.C., US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046321)
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[30] US (62/203,631) 2015-08-11

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **(S,E)-3-(6-AMINOPYRIDIN-3-YL)-N-((5-(4-(3-FLUORO-3-METHYLPYRROLIDINE-1-CARBONYL)PHENYL)-7-(4-FLUOROPHENYL)BENZOFURAN-2-YL)METHYL)ACRYLAMIDE FOR THE TREATMENT OF CANCER**
[54] **(S,E)-3-(6-AMINOPYRIDIN-3-YL)-N-((5-(4-(3-FLUORO-3-METHYLPYRROLIDINE-1-CARBONYL)PHENYL)-7-(4-FLUOROPHENYL)BENZOFURAN-2-YL)METHYL) ACRYLAMIDE POUR LE TRAITEMENT DU CANCER**
[72] BALOGLU, ERKAN, US
[72] SHACHAM, SHARON, US
[72] SENAPEDIS, WILLIAM, US
[71] KARYOPHARM THERAPEUTICS INC., US
[85] 2018-02-09
[86] 2016-08-18 (PCT/US2016/047566)
[87] (WO2017/031323)
[30] US (62/206,472) 2015-08-18

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[13] A1
[51] **Int.Cl. A23L 33/185 (2016.01) A23J 3/14 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING SACHA INCHI PROTEIN IN COMBINATION WITH OTHER PLANT PROTEINS**
[54] **COMPOSITION COMPRENANT UNE PROTEINE DE SACHA INCHI EN COMBINAISON AVEC D'AUTRES PROTEINES VEGETALES**
[72] LAU, FRANCIS C., US
[72] DAGGY, BRUCE P., US
[72] FAKOUKAKIS, EMANUEL P., US
[71] SHAKLEE CORPORATION, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046366)
[87] (WO2017/027599)
[30] US (62/203,564) 2015-08-11
[30] US (15/233,211) 2016-08-10

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **LIVE-ATTENUATED VACCINE HAVING MUTATIONS IN VIRAL POLYMERASE FOR THE TREATMENT AND PREVENTION OF CANINE INFLUENZA VIRUS**
[54] **VACCIN VIVANT ATTENUE COMPRENANT DES MUTATIONS DE POLYMERASE VIRALE POUR LE TRAITEMENT ET LA PREVENTION DE VIRUS DE LA GRIPPE CANINE**
[72] MARTINEZ-SOBRIDO, LUIS, US
[72] NOGALES-GONZALEZ, AITOR, US
[72] PARRISH, COLIN, US
[71] UNIVERSITY OF ROCHESTER, US
[71] CORNELL UNIVERSITY, US
[85] 2018-02-09
[86] 2016-08-19 (PCT/US2016/047715)
[87] (WO2017/031404)
[30] US (62/207,571) 2015-08-20

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 17/00 (2006.01)**
[25] EN
[54] **TOOL IDENTIFICATION**
[54] **IDENTIFICATION D'OUTIL**
[72] HEBEBRAND, CHRISTINA KARIN, DE
[72] THIEMANN, BJOERN, DE
[72] LIESS, MARTIN, DE
[72] WERN, FRANK, DE
[72] ZOUHAIR, AICAM, US
[72] OWNBY, JOHN FIELDING, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046458)
[87] (WO2017/027656)
[30] US (62/203,712) 2015-08-11
[30] US (15/004,687) 2016-01-22

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04N 21/433 (2011.01) H04N 21/44 (2011.01) H04N 21/442 (2011.01) H04N 21/466 (2011.01) H04N 21/81 (2011.01) H04N 21/8547 (2011.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR DISTRIBUTION OF ADDRESSABLE CONTENT**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE DISTRIBUTION DE CONTENU ADRESSABLE**
[72] GRANT, JOHN, US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2018-02-09
[86] 2016-08-25 (PCT/US2016/048593)
[87] (WO2017/040182)
[30] US (14/838,671) 2015-08-28

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[13] A1
[51] **Int.Cl. A61K 36/756 (2006.01) A61K 31/198 (2006.01) A61K 31/7076 (2006.01) A61K 38/01 (2006.01) A61K 45/06 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING MAGNOLIA, PHELLODENDRON, THEANINE AND/OR WHEY PROTEIN**
[54] **COMPOSITIONS COMPRENANT DU MAGNOLIA, DU PHELLODENDRON, DE LA THEANINE ET/OU UNE PROTEINE DU PETIT-LAIT**
[72] HENDERSON, TODD, US
[72] GRIFFIN, DAVID, US
[72] BLEDSOE, DAVID, US
[71] NUTRAMAX LABORATORIES, INC., US
[85] 2018-02-09
[86] 2016-08-31 (PCT/US2016/049630)
[87] (WO2017/040611)
[30] US (62/212,080) 2015-08-31

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[13] A1
[51] **Int.Cl. C05G 3/00 (2006.01) C05D 5/00 (2006.01) C05D 9/00 (2006.01)**
[25] EN
[54] **ACID TREATMENT FOR FERTILIZERS TO INCREASE ZINC SOLUBILITY AND AVAILABILITY**
[54] **TRAITEMENT A L'ACIDE POUR ENGRAIS VISANT A RENFORCER LA SOLUBILITE ET LA DISPONIBILITE DU ZINC**
[72] MCLAUGHLIN, MICHAEL JOHN, US
[72] DEGRYSE, JOZEFIEN LOUISA ELVIRE, US
[72] BAIRD, ROSLYN JANE, US
[72] DA SILVA, RODRIGO COQUI, US
[72] BAYLOR, BRYAN TODD, US
[72] PEACOCK, LAWRENCE ALAN, US
[71] THE MOSAIC COMPANY, US
[85] 2018-02-09
[86] 2016-08-12 (PCT/US2016/046717)
[87] (WO2017/027785)
[30] US (62/204,195) 2015-08-12

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[13] A1
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[25] EN
[54] **COMPOSITION FOR THE TREATMENT OF JOINT CONDITIONS**
[54] **COMPOSITION POUR LE TRAITEMENT D'AFFECTIONS ARTICULAIRES**
[72] STOFFEL, BERTRAND, BE
[72] SIPSMA, CHARLES HENRIJ, NL
[72] VAN DER TUIN, EVERHARDUS, NL
[72] HUMPHRYS, SIMON TROY, AU
[71] STOFFEL, BERTRAND, BE
[71] SIPSMA, CHARLES HENRIJ, NL
[71] VAN DER TUIN, EVERHARDUS, NL
[71] HUMPHRYS, SIMON TROY, AU
[71] NEWVEN SPRL, BE
[85] 2018-02-12
[86] 2016-08-12 (PCT/EP2016/069279)
[87] (WO2017/025635)
[30] EP (15180866.4) 2015-08-13

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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 38/13 (2006.01) A61K 39/395 (2006.01) A61K 47/30 (2006.01) A61K 47/44 (2017.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS**
[54] **COMPOSITIONS**
[72] IVAN, COULTER, IE
[71] SIGMOID PHARMA LIMITED, IE
[85] 2018-02-12
[86] 2016-08-12 (PCT/EP2016/069290)
[87] (WO2017/025638)
[30] GB (1514328.2) 2015-08-12

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[25] FR
[54] **TERAHERTZ LASER, TERAHERTZ SOURCE AND USE OF SUCH A TERAHERTZ LASER**
[54] **LASER TERAHERTZ, SOURCE TERAHERTZ ET UTILISATION D'UN TEL LASER TERAHERTZ**
[72] LAMPIN, JEAN-FRANCOIS, FR
[72] PAGIES, ANTOINE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE LILLE, FR
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[87] (WO2017/029363)
[30] FR (15 57827) 2015-08-20

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[54] **BIFURCATED 3D FILTER ASSEMBLY FOR PREVENTION OF STROKE**
[54] **ENSEMBLE FILTRE 3D BIFURQUE POUR LA PREVENTION D'ACCIDENT VASCULAIRE CEREBRAL**
[72] FRID, NOUREDDINE, BE
[71] FRID MIND TECHNOLOGIES, BE
[85] 2018-02-12
[86] 2016-09-09 (PCT/EP2016/071311)
[87] (WO2017/042335)
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[25] EN
[54] **BIOFILM INHIBITING COMPOSITIONS ENHANCING WEIGHT GAIN IN LIVESTOCK**
[54] **COMPOSITIONS DINHIBITION DE LA FORMATION DE BIOFILM DESTINEES A L'AMELIORATION DE PRISE DE POIDS DU BETAIL**
[72] ALA'AKDEEB, DLAWER, GB
[72] MAHDAVI, JAFAR, GB
[72] SOULTANAS, PANOS, GB
[71] AKESO BIOMEDICAL, INC., US
[85] 2018-02-09
[86] 2016-08-11 (PCT/US2016/046623)
[87] (WO2017/027742)
[30] US (PCT/US2015/044603) 2015-08-11
[30] US (62/296,386) 2016-02-17
[30] US (62/334,746) 2016-05-11

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[51] **Int.Cl. G06T 3/00 (2006.01) A41H 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIGITAL MARKUPS OF CUSTOM PRODUCTS**
[54] **SYSTEME ET PROCEDE POUR BALISES NUMERIQUES DE PRODUITS PERSONNALISES**
[72] HARVILL, YOUNG, US
[71] ZAZZLE INC., US
[85] 2018-02-09
[86] 2016-08-09 (PCT/US2016/046171)
[87] (WO2017/027513)
[30] US (62/203,026) 2015-08-10

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[51] **Int.Cl. A63F 13/57 (2014.01) A63F 13/35 (2014.01) A63F 13/352 (2014.01) A63F 13/355 (2014.01) A63F 13/52 (2014.01) G06T 15/00 (2011.01)**
[25] EN
[54] **VIRTUAL AREA GENERATION AND MANIPULATION**
[54] **GENERATION ET MANIPULATION DE ZONE VIRTUELLE**
[72] LANE, SCOT MICHAEL, US
[72] SURJO-SUBAGIO, FRANCIS XAVIER, US
[72] MALDONADO, DAVID EDWARD, US
[72] LAVOIE, CARL, US
[72] FISHER, BRIAN DAVID, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-02-09
[86] 2016-08-09 (PCT/US2016/046137)
[87] (WO2017/027502)
[30] US (14/823,230) 2015-08-11

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[25] EN
[54] **TOPICAL COMPOSITIONS COMPRISING HYDROXY ACIDS AND CANNABINOIDS FOR SKIN CARE**
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES HYDROXYACIDES ET DES CANNABINOIDES POUR LES SOINS DE LA PEAU**
[72] GHALILI, BABEK, US
[72] MCGOVERN, KEVIN, US
[71] KANNAINNOVATIONS LLC, US
[85] 2018-02-09
[86] 2016-08-10 (PCT/US2016/046279)
[87] (WO2017/027553)
[30] US (62/203,698) 2015-08-11

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **DISPOSABLE CAPSULE FOR MACHINES FOR THE DISPENSING OF INFUSED BEVERAGES**
[54] **CAPSULE JETABLE POUR MACHINES DE DISTRIBUTION DE BOISSONS INFUSEES**
[72] STEFANONI, ROBERTO, IT
[71] IMPER S.P.A., IT
[85] 2018-02-12
[86] 2016-09-14 (PCT/EP2016/071682)
[87] (WO2017/046158)
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[25] EN
[54] **TRANSMISSION ASSEMBLY FOR DOWNHOLE MOTOR**
[54] **ENSEMBLE DE TRANSMISSION POUR MOTEUR DE FOND DE TROU**
[72] PARK, STEVEN W., CA
[72] SAMUEL, GEOFFREY A., CA
[72] SADABADI, HAMID, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-12
[86] 2015-09-16 (PCT/US2015/050397)
[87] (WO2017/048247)

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[51] **Int.Cl. B60P 1/26 (2006.01) E05B 83/18 (2014.01) B60P 1/43 (2006.01)**
[25] EN
[54] **TAILGATE AND DOOR ADJUSTORS**
[54] **DISPOSITIFS DE REGLAGE DE PORTIERE ET DE HAYON**
[72] CASTELBLANCO, GUILLERMO, US
[72] CASTELBLANCO, CARL STEVEN, US
[71] CASTELBLANCO, GUILLERMO, US
[71] CASTELBLANCO, CARL STEVEN, US
[85] 2018-02-12
[86] 2016-07-13 (PCT/US2016/042045)
[87] (WO2017/027158)
[30] US (62/204,668) 2015-08-13
[30] US (15/018,618) 2016-02-08

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[25] EN
[54] **MANAGED TIME DIVISION DUPLEXED BASEBAND SIGNALING**
[54] **SIGNALISATION GEREE DE BANDE DE BASE DUPLEX DE REPARTITION DANS LE TEMPS**
[72] PETROVIC, BRANISLAV, US
[72] MARTIN, TIMOTHY, US
[72] CRONIN, CHRISTOPHER, US
[72] HAMEL, ANTHONY, US
[72] TERRY, DAVID, US
[71] VIASAT, INC., US
[85] 2018-02-12
[86] 2016-08-10 (PCT/US2016/046384)
[87] (WO2017/027612)
[30] US (62/204,903) 2015-08-13
[30] US (15/077,089) 2016-03-22

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[13] A1
[51] **Int.Cl. A61B 5/154 (2006.01) A61B 5/15 (2006.01)**
[25] EN
[54] **EVACUATED BLOOD COLLECTION TUBES CONTAINING PROTEASE INHIBITORS FOR THE ASSESSMENT OF CONTACT SYSTEM ACTIVATION**
[54] **TUBES DE COLLECTE DE SANG SOUS VIDE CONTENANT DES INHIBITEURS DE PROTEASES POUR L'EVALUATION DE L'ACTIVATION DU SYSTEME DE CONTACT**
[72] SEXTON, DANIEL J., US
[72] FAUCETTE, RYAN, US
[71] DYAX CORP., US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046681)
[87] (WO2017/027771)
[30] US (62/204,644) 2015-08-13
[30] US (62/214,308) 2015-09-04

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR APPLYING REDUCED PRESSURE THERAPY**
[54] **SYSTEMES ET PROCEDES POUR LA MISE EN OEUVRE D'UNE THERAPIE PAR PRESSION REDUITE**
[72] ADAMS, ERIC EDWARD, US
[72] BENDELE, KEVIN, US
[72] HUSZ, AARON MICHAEL, US
[72] LEE, DAVID EDWARD, US
[72] RUSH, LEE MICHAEL, US
[72] UPTON, DAVID RONALD, US
[72] WARD, WILLIAM JACOB, US
[72] QUINTANAR, FELIX C., US
[71] SMITH & NEPHEW, INC., US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046903)
[87] (WO2017/027850)
[30] US (62/204,660) 2015-08-13

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[13] A1
[51] **Int.Cl. H04W 84/20 (2009.01) H04W 40/32 (2009.01)**
[25] EN
[54] **WIRELESS SENSOR NETWORK**
[54] **RESEAU DE CAPTEURS SANS FIL**
[72] WEGELIN, JACKSON WILLIAM, US
[72] CURTIS, CHIP, US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-02-12
[86] 2016-08-15 (PCT/US2016/046964)
[87] (WO2017/031025)
[30] US (62/207,033) 2015-08-19

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[51] **Int.Cl. A61B 5/021 (2006.01) A61B 5/022 (2006.01) A61B 5/0225 (2006.01) A61B 5/107 (2006.01) A61B 17/135 (2006.01)**
[25] EN
[54] **ASSESSING ENDOTHELIAL FUNCTION AND PROVIDING CALIBRATED UFMD DATA USING A BLOOD PRESSURE CUFF**
[54] **EVALUATION DE FONCTION ENDOTHELIALE ET FOURNITURE DE DONNEES UFMD ETALONNEES A L'AIDE DE BRASSARD PNEUMATIQUE**
[72] MALTZ, JONATHAN S., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-02-12
[86] 2016-08-12 (PCT/US2016/046910)
[87] (WO2017/031005)
[30] US (62/205,470) 2015-08-14

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[13] A1
[51] **Int.Cl. C22B 7/04 (2006.01) C22B 21/00 (2006.01)**
[25] EN
[54] **DROSS MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE LAITIER**
[72] HERBERT, JAMES, US
[71] ALTEK EUROPE LTD., GB
[85] 2018-02-12
[86] 2016-08-16 (PCT/US2016/047137)
[87] (WO2017/034854)
[30] US (62/208,273) 2015-08-21

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[51] **Int.Cl. A45D 6/02 (2006.01) A45D 4/02 (2006.01) A45D 6/00 (2006.01)**
[25] EN
[54] **AUTOMATIC HAIR CURLER**
[54] **FER A FRISER LES CHEVEUX AUTOMATIQUE**
[72] YONG, XIAO, CN
[72] MIANJIA, WEI, CN
[71] FAROUK SYSTEMS, INC., US
[85] 2018-02-12
[86] 2016-08-19 (PCT/US2016/047757)
[87] (WO2017/031417)
[30] CN (201520627529.6) 2015-08-19

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[13] A1
[51] **Int.Cl. E21B 3/02 (2006.01) E21B 44/04 (2006.01) G01L 3/10 (2006.01)**
[25] EN
[54] **TOP DRIVE TORQUE MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE DE COUPLE D'ENTRAINEMENT SUPERIEUR**
[72] WERN, FRANK, DE
[72] THIEMANN, BJOERN, DE
[72] ZOUHAIR, AICAM, US
[72] LIESS, MARTIN, DE
[72] HEBEBRAND, CHRISTINA KARIN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-02-12
[86] 2016-08-19 (PCT/US2016/047813)
[87] (WO2017/031441)
[30] US (62/207,779) 2015-08-20

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[13] A1
[51] **Int.Cl. A47K 10/36 (2006.01)**
[25] EN
[54] **SHEET PRODUCT DISPENSER WITH PRODUCT LEVEL GAUGE SYSTEM**
[54] **DISTRIBUTEUR DE PRODUIT EN FEUILLE DOTE D'UN SYSTEME D'INDICATEUR DE NIVEAU DE PRODUIT**
[72] KOBS, STEPHEN RUSSEL, US
[72] GOLTZ, RYAN ANTHONY, US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-02-12
[86] 2016-08-26 (PCT/US2016/048826)
[87] (WO2017/040232)
[30] US (62/211,351) 2015-08-28
[30] US (15/247,019) 2016-08-25

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[13] A1
[51] **Int.Cl. C04B 35/443 (2006.01) C01F 7/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING MAGNESIUM ALUMINATE SPINELS**
[54] **PROCEDE DE PRODUCTION DE SPINELLES (ALUMINATE DE MAGNESIUM)**
[72] PEOPLES, BRIAN, US
[72] HANN, ALLISON, US
[71] SASOL (USA) CORPORATION, US
[85] 2018-02-12
[86] 2016-09-06 (PCT/US2016/050402)
[87] (WO2017/044423)
[30] US (62/215,798) 2015-09-09

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[13] A1
[51] **Int.Cl. C10M 169/04 (2006.01) C10M 105/12 (2006.01)**
[25] EN
[54] **COMPOSITION FOR MINIMUM QUANTITY LUBRICATION, AND USE OF SAME**
[54] **COMPOSITION POUR MICRO-LUBRIFICATION ET SON UTILISATION**
[72] THOMAS, FRANK, DE
[71] FUCHS PETROLUB SE, DE
[85] 2018-02-13
[86] 2016-08-15 (PCT/EP2016/001394)
[87] (WO2017/036578)
[30] DE (20 2015 005 833.7) 2015-08-13
[30] EP (15 002 409.9) 2015-08-13

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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01)**
[25] EN
[54] **MODULATION ORDER ADAPTATION FOR PARTIAL SUBFRAMES**
[54] **ADAPTATION D'ORDRE DE MODULATION POUR DES SOUS-TRAMES PARTIELLES**
[72] EINHAUS, MICHAEL, DE
[72] OHLHORST, JAN, DE
[72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER, DE
[72] BASU MALLICK, PRATEEK, DE
[72] LOEHR, JOACHIM, DE
[71] SUN PATENT TRUST, US
[85] 2018-02-13
[86] 2016-08-11 (PCT/EP2016/069152)
[87] (WO2017/029192)
[30] EP (15181139.5) 2015-08-14

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/12 (2011.01) G06F 19/24 (2011.01)**
[25] EN
[54] **ASSESSMENT OF NFKB CELLULAR SIGNALING PATHWAY ACTIVITY USING MATHEMATICAL MODELLING OF TARGET GENE EXPRESSION**
[54] **EVALUATION DE L'ACTIVITE DE LA VOIE DE SIGNALISATION CELLULAIRE DE NFKB AU MOYEN DE LA MODELISATION MATHEMATIQUE D'UNE EXPRESSION GENIQUE CIBLE**
[72] VAN OOIJEN, HENDRIK JAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-02-13
[86] 2016-08-12 (PCT/EP2016/069237)
[87] (WO2017/029215)
[30] EP (15181029.8) 2015-08-14

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[13] A1
[51] **Int.Cl. C10L 1/08 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT**
[72] CLARK, RICHARD HUGH, GB
[72] EWEN, JAMES PATRICK, GB
[72] HEINS, RICHARD JOHN, GB
[72] STEVENSON, PAUL ANTHONY, GB
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-02-13
[86] 2016-08-12 (PCT/EP2016/069258)
[87] (WO2017/029224)
[30] EP (15181308.6) 2015-08-17

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 31/00 (2006.01) C07K 16/42 (2006.01) C12Q 1/68 (2018.01) G01N 33/48 (2006.01)**
[25] EN
[54] **ANTIBODY OR ANTIBODY FRAGMENT OR NON-IG SCAFFOLD BINDING TO A BINDING REGION OF AN ANTI-N-METHYL-D-ASPARTATE (NMDA) RECEPTOR ANTIBODY**
[54] **ANTICORPS OU FRAGMENT D'ANTICORPS OU ECHAFAUDAGE NON-IG SE LIANT A UNE REGION DE LIAISON D'UN ANTICORPS ANTI-RECEPTEUR DE N-METHYL-D-ASPARTATE (NMDA)**
[72] PRUESS, HARALD, DE
[71] DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN E.V. (DZNE), DE
[85] 2018-02-13
[86] 2016-08-16 (PCT/EP2016/069451)
[87] (WO2017/029299)
[30] EP (15181290.6) 2015-08-17

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[13] A1
[51] **Int.Cl. H02M 7/483 (2007.01)**
[25] EN
[54] **VOLTAGE SOURCE CONVERTER AND CONTROL THEREOF**
[54] **CONVERTISSEUR DE SOURCE DE TENSION ET SON PROCEDE DE COMMANDE**
[72] WHITEHOUSE, ROBERT, GB
[72] OATES, COLIN DONALD MURRAY, GB
[72] TRAINER, DAVID REGINALD, GB
[72] CHIVITE-ZABALZA, FRANCISCO JAVIER, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-02-13
[86] 2016-08-17 (PCT/EP2016/069517)
[87] (WO2017/029327)
[30] GB (1514633.5) 2015-08-18

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[13] A1
[51] **Int.Cl. C01B 17/765 (2006.01) C01B 17/79 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING SULFURIC ACID**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION D'ACIDE SULFURIQUE**
[72] THIELERT, HOLGER, DE
[72] GUETTA, ZION, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-02-13
[86] 2016-09-01 (PCT/EP2016/070605)
[87] (WO2017/037167)
[30] DE (10 2015 114 871.4) 2015-09-04

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[13] A1
[51] **Int.Cl. B01J 8/04 (2006.01) C01B 17/765 (2006.01) C01B 17/80 (2006.01)**
[25] EN
[54] **CATALYTIC REACTOR**
[54] **REACTEUR CATALYTIQUE**
[72] THIELERT, HOLGER, DE
[72] GUETTA, ZION, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-02-13
[86] 2016-09-01 (PCT/EP2016/070630)
[87] (WO2017/037183)
[30] DE (10 2015 114 885.4) 2015-09-04

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[13] A1
[51] **Int.Cl. C12N 1/18 (2006.01) C12P 7/06 (2006.01)**
[25] EN
[54] **YEAST ALLELES INVOLVED IN TOLERANCE TO HIGH ALCOHOL LEVELS**
[54] **ALLELES DE LEVURE IMPLIQUES DANS LA TOLERANCE AUX TAUX ELEVES D'ALCOOL**
[72] VERSTREPEN, KEVIN, BE
[72] YANG, YUDI, BE
[72] SAELS, VEERLE, BE
[72] VOORDECKERS, KARIN, BE
[72] HERRERA, BEATRIZ, BE
[71] VIB VZW, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D, BE
[85] 2018-02-13
[86] 2016-09-02 (PCT/EP2016/070732)
[87] (WO2017/037241)
[30] EP (15183670.7) 2015-09-03

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[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 41/12 (2006.01) A01D 75/18 (2006.01)**
[25] EN
[54] **HARVESTING INTER-SEEDED CROPS**
[54] **RECOLTE DE CULTURES ENSEMENCEES SOUS COUVERT**
[72] DIETRICH, DAVE, CA
[72] WHEELER, RON, CA
[71] 101288550 SASKATCHEWAN LTD., CA
[85] 2018-02-13
[86] 2016-06-01 (PCT/CA2016/000158)
[87] (WO2016/197231)
[30] CA (2894100) 2015-06-11

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[13] A1
[51] **Int.Cl. C01B 17/02 (2006.01) B01D 53/52 (2006.01) C01B 17/54 (2006.01) C01B 17/79 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING SULFURIC ACID**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'ACIDE SULFURIQUE**
[72] THIELERT, HOLGER, DE
[72] GUETTA, ZION, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-02-13
[86] 2016-09-02 (PCT/EP2016/070760)
[87] (WO2017/037256)
[30] DE (10 2015 114 875.7) 2015-09-04

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[13] A1
[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/44 (2006.01) C08G 18/62 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01) C08K 5/00 (2006.01) C08K 5/151 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **CURABLE PHOTOCHROMIC COMPOSITIONS**
[54] **COMPOSITIONS PHOTOCHROMIQUES DURCISSABLES**
[72] HALEY, MICHAEL FRANK, US
[72] GESTRICH, ANTHONY THOMAS, US
[72] KNOWLES, DAVE, US
[72] ROBINSON, STEPHEN, US
[72] WANG, FENG, US
[72] ZEZINKA, ELIZABETH A., US
[72] ANDERSON, LINDA K., US
[71] TRANSITIONS OPTICAL, INC., US
[85] 2018-02-13
[86] 2015-08-17 (PCT/US2015/045470)
[87] (WO2017/030545)

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[13] A1
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[54] **METHOD AND APPARATUS FOR CONTROLLING A FILTER CIRCUIT IN A SIGNAL COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL POUR COMMANDER UN CIRCUIT DE FILTRE DANS UN DISPOSITIF DE COMMUNICATION DE SIGNAUX**
[72] KLOPFENSTEIN, SCOTT EDWARD, US
[72] RAMANI, SRINIVASA, US
[72] ROBERTS, HAROLD GENE, US
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[54] **PROCEDES ET SYSTEMES DE SIMULATION DE RESEAUX D'ECOULEMENT DE FLUIDES EMPLOYANT DES ENVELOPPES DIPHASIQUES AVEC VALEURS INTERPOLEES**
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[72] WONG, TERRY, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **COMPOSITIONS AND METHODS FOR SELECTIVELY INHIBITING INTESTINAL CARBOXYLESTERASE 2 ENZYME ACTIVITY**
[54] **COMPOSITIONS ET METHODES D'INHIBITION SELECTIVE DE L'ACTIVITE ENZYMATIQUE DE LA CARBOXYLESTERASE 2 INTESTINALE**
[72] KONG, REN, CN
[72] ZHAO, HONG, US
[72] WONG, STEPHEN T.C., US
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[54] **DETECTEUR D'IONISATION D'UNE BOBINE DE BOUGIE D'ALLUMAGE EN COURT-CIRCUITANT L'INDUCTANCE PRIMAIRE**
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[72] MORAN, KEVIN, US
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[54] **SYSTEMES D'AUTO-ASSISTANCE ACTIVES PAR LA PAROLE ET DIRIGES PAR LES DONNEES ET PROCEDES DE FONCTIONNEMENT DE CES DERNIERS**
[72] LEV, YONI, US
[72] TAPUHI, TAMIR, US
[72] FAIZAKOF, AVRAHAM, US
[72] LEV-TOV, AMIR, US
[72] KONIG, YOCHAI, US
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[54] **ENSEMBLE FILTRE COMPRENANT UN GUIDE D'ADMISSION INCURVE**
[72] POON, WAI SING, US
[72] KELMARTIN, THOMAS, US
[72] RAKESH, VINEET, US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **STOCKAGE DE DONNEES DE GRAPHIQUE A BANDE PASSANTE COMPRESSEE**
[72] GRUBER, ANDREW EVAN, US
[72] HILL, REXFORD ALAN, US
[72] KHANDELWAL, SHAMBHOO, US
[71] QUALCOMM INCORPORATED, US
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[72] ROMERO, OSCAR, US
[71] SPECTRUM BRANDS, INC., US
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[54] **CIRCUIT DE POLARISATION DYNAMIQUE NUMERIQUE**
[72] PETROVIC, BRANISLAV, US
[72] BREWER, KENNETH, US
[72] BUER, KENNETH, US
[72] KENT, STEVE, US
[72] JALALEDDINE, SATEH, US
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[54] **3D FACE RECONSTRUCTION FROM GATE CAMERA**
[54] **RECONSTRUCTION 3D D'UN VISAGE A PARTIR D'UNE CAMERA DE PORTAIL**
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[72] PACKHAM, JON, GB
[71] CUBIC CORPORATION, US
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT ANTICOAGULANTS POUR PERFUSION INTRAVEINEUSE**
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[72] TAI, JEFF, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **AMELIORATION DE RESEAUX DE FRACTURES COMPLEXES DANS DES FORMATIONS SOUTERRAINES, PULSATION DE PRESSION NETTE**
[72] NGUYEN, PHILIP D., US
[72] LAHMAN, MATTHEW LEWIS, US
[72] HAMPTON, JESSE CLAY, US
[72] MARTYSEVICH, VLADIMIR NIKOLAYEVICH, US
[72] PERSAC, STEPHEN BYRNE, US
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[54] **ENHANCING COMPLEX FRACTURE GEOMETRY IN SUBTERRANEAN FORMATIONS, SEQUENTIAL FRACTURING**
[54] **AMPLIFICATION DE GEOMETRIE DE FRACTURE COMPLEXE DANS DES FORMATIONS SOUTERRAINES ET FRACTURATION SEQUENTIELLE**
[72] NGUYEN, PHILIP D., US
[72] LAHMAN, MATTHEW LEWIS, US
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[54] **SYSTEMS AND METHODS FOR MONITORING A POWER-GENERATION MODULE ASSEMBLY AFTER A POWER-GENERATION MODULE SHUTDOWN EVENT**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'ENSEMBLE DE MODULE DE GENERATION D'ENERGIE APRES UN EVENEMENT D'ARRET DE MODULE DE GENERATION D'ENERGIE**
[72] BOWMAN, DOUG, US
[72] BUENAVENTURA, DON, US
[71] NUSCALE POWER, LLC, US
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[54] **SYSTEMES ET PROCEDES DE GESTION DE NOTIFICATION POUR LA SURVEILLANCE DU FONCTIONNEMENT D'UNE CENTRALE ELECTRIQUE MODULAIRE**
[72] SNUGGERUD, ROSS, US
[72] LAFERRIERE, KEVIN, US
[71] NUSCALE POWER, LLC, US
[85] 2018-02-13
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[54] **SEMICONDUCTOR PACKAGE WITH EMBEDDED DIE AND MANUFACTURING METHOD THEREOF**
[54] **BOITIER DE SEMICONDUCTEUR AVEC PUCE INTEGREE ET SON PROCEDE DE FABRICATION**
[72] NA, JONGCHIL, US
[72] WE, HONG BOK, US
[72] ZANG, RUEY KAE, US
[71] QUALCOMM INCORPORATED, US
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[54] **HYBRID SILK SCREEN AND DIRECT-TO-GARMENT PRINTING MACHINE AND PROCESS**
[54] **MACHINE ET PROCESSUS HYBRIDES D'IMPRESSION DIRECTE SUR LE VETEMENT ET DE SERIGRAPHIE**
[72] HOFFMAN, RICHARD C., JR., US
[72] BAXTER, GEOFF, US
[71] M&R PRINTING EQUIPMENT, INC., US
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[54] **SUPPORT DE BILLE DE BOITIER SUR TRANCHE (WLP) UTILISANT UNE STRUCTURE A CAVITES**
[72] VELEZ, MARIO FRANCISCO, US
[72] BERDY, DAVID FRANCIS, US
[72] YUN, CHANGHAN HOBIE, US
[72] KIM, JONGHAE, US
[72] ZUO, CHENGJIE, US
[72] KIM, DAEIK DANIEL, US
[72] LAN, JE-HSIUNG JEFFREY, US
[72] MUDAKATTE, NIRANJAN SUNIL, US
[72] MIKULKA, ROBERT PAUL, US
[71] QUALCOMM INCORPORATED, US
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[54] **AMELIORATION DE LA CROISSANCE DES PLANTES AVEC DES RHIZOBIUMS TOLERANTS AU STRESS**
[72] KANG, YAOWEI, US
[72] SMITH, JESSICA, US
[72] PELLIGRA, CLAIRE, US
[72] MCCALLISTER, DOUGLEY, US
[72] WOODS, KRISTI, US
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[54] **DISPOSITIF DE VERROUILLAGE DE COUVERCLE A PRESSION**
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[72] RAY, JONATHAN ALAN, US
[72] CAIN, MATTHEW AARON, US
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[72] SIMMONS, BONNIE G., US
[71] HEALTHE LLC, US
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[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES AYANT DES FONCTIONS INTEGREES POUVANT ETRE CONTROLEES**
[72] JUILLERAT, ALEXANDRE, US
[72] DUCHATEAU, PHILIPPE, FR
[72] POIROT, LAURENT, FR
[71] CELLECTIS, FR
[85] 2018-02-14
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[54] **PROCEDE ET APPAREIL DE DERIVATION D'UNE TOPOGRAPHIE D'UNE SURFACE D'UN OBJET**
[72] BAATH, LARS, SE
[71] QSO INTERFEROMETER SYSTEMS AB, SE
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[72] BRIGNONE, CHRYSTELLE, FR
[71] IMMUTEP S.A.S., FR
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[54] **SYSTEME DE DIFFUSION D'INFORMATIONS DANS UN RESEAU SANS FIL**
[72] BELLESCHI, MARCO, SE
[72] YAVUZ, EMRE, SE
[72] BERGMAN, JOHAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT DE TUMEURS DE LA FAMILLE EWING**
[72] ZHAO, HONG, US
[72] WONG, STEPHEN T.C., US
[71] THE METHODIST HOSPITAL, US
[85] 2018-02-13
[86] 2016-08-22 (PCT/US2016/047984)
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[54] **COMPOSITIONS DE MICROPARTICULES COMPRENANT DU SAFLUFENACIL**
[72] NOLLER, BASTIAN MARTEN, DE
[72] FUCHS, YANNICK, DE
[72] SIMON, ANJA, DE
[72] SOWA, CHRISTIAN, DE
[71] BASF AGRO B.V., NL
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[25] EN
[54] **ANTI-PCSK9 INHIBITORY ANTIBODIES FOR TREATING PATIENTS WITH HYPERLIPIDEMIA UNDERGOING LIPOPROTEIN APHERESIS**
[54] **ANTICORPS INHIBITEURS ANTI-PCSK9 DESTINES AU TRAITEMENT DES PATIENTS ATTEINTS D'HYPERLIPIDEMIE SUBISSANT UNE APHERESE DE LIPOPROTEINES**
[72] PORDY, ROBERT C., US
[72] MANVELIAN, GAREN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-02-13
[86] 2016-08-17 (PCT/US2016/047257)
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[30] US (62/206,326) 2015-08-18
[30] US (62/264,361) 2015-12-08
[30] US (62/270,790) 2015-12-22
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[54] **UNITE MOBILE DE LUTTE CONTRE LES INCENDIES**
[72] JUTRAS, DANIEL, CA
[71] JUTRAS, DANIEL, CA
[85] 2018-02-14
[86] 2016-08-19 (PCT/CA2016/050973)
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[25] EN
[54] **LYSOBACTIN FOR USE IN THE TREATMENT OF BOVINE MASTITIS**
[54] **LYSOBACTINE DESTINEE A ETRE UTILISEE POUR LE TRAITEMENT DE LA MAMMITE BOVINE**
[72] SCHIFFER, GUIDO, DE
[72] FALKER, STEFAN, DE
[72] DAUBE, GERT, DE
[72] FRAATZ, KRISTINE, DE
[72] WIEHL, WOLFGANG, DE
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[51] **Int.Cl. C10G 1/06 (2006.01) C10G 1/08 (2006.01) C10G 3/00 (2006.01) C10K 1/00 (2006.01) C10K 3/04 (2006.01)**
[25] EN
[54] **CONVERSION OF BIOMASS INTO A LIQUID HYDROCARBON MATERIAL**
[54] **CONVERSION DE BIOMASSE SOLIDE EN MATERIAU HYDROCARBURE LIQUIDE**
[72] URADE, VIKRANT NANASAHEB, IN
[72] CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN, IN
[72] DEL PAGGIO, ALAN ANTHONY, US
[72] PANCHAGNULA, MADHUSUDHAN RAO, IN
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] IN (4737/CHE/2015) 2015-09-07

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[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING LOAD PEAKS AND VALLEYS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CREER DES PICS ET DES CREUX DE CHARGE**
[72] SOO, DEREK LIM, CA
[71] PEAK POWER, INC., CA
[85] 2018-02-14
[86] 2016-09-19 (PCT/CA2016/051098)
[87] (WO2017/049389)
[30] US (62/221,376) 2015-09-21
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[25] EN
[54] **ASYMMETRIC PICK TOOL WITH AN ASPECT RATIO BETWEEN LEADING AND TRAILING EDGES**
[54] **OUTIL D'EXTRACTION ASYMETRIQUE AVEC UN RAPPORT DE FORME ENTRE LES BORDS D'ATTAQUE ET DE FUITE**
[72] SCHARTING, MARKUS KILIAN, DE
[72] RIES, BERND HEINRICH, DE
[72] PICKLES, CHARLES SIMON JAMES, GB
[72] BONETTI, SERENA, GB
[72] BUSH, PETER ROBERT, GB
[72] FOLKERTS, JAMES, US
[72] HALLBERG, JOHN, US
[72] FREDERICK, JOHN RALPH, US
[72] TIRYAKI, BULENT, US
[72] KRELLNER, JAMES, US
[72] ARNOLD, RANDY, US
[72] MEADE, DAVID, US
[71] ELEMENT SIX (UK) LIMITED, GB
[71] ELEMENT SIX GMBH, DE
[85] 2018-02-14
[86] 2016-08-19 (PCT/EP2016/069684)
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[30] US (62/209,009) 2015-08-24
[30] GB (1517360.2) 2015-10-01

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[25] EN
[54] **METHODS AND APPARATUSES FOR POSITIONING BASED ON SIGNAL CORRELATION FUNCTION CHARACTERISTICS FEEDBACK**
[54] **PROCEDES ET APPAREILS DE POSITIONNEMENT SUR LA BASE D'UNE RETROACTION DE CARACTERISTIQUE DE FONCTION DE CORRELATION DE SIGNAL**
[72] GUNNARSSON, FREDRIK, SE
[72] WANG, MENG, SE
[72] ZAIDI, ALI, SE
[72] MODARRES RAZAVI, SARA, SE
[72] RYDEN, HENRIK, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-02-14
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[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/03 (2006.01) C09K 8/60 (2006.01)**
[25] EN
[54] **METHODS, TREATMENT FLUIDS AND SYSTEMS FOR DIFFERENTIAL ACIDIZING OF A SILICEOUS MATERIAL**
[54] **PROCEDES, FLUIDES DE TRAITEMENT ET SYSTEMES POUR L'ACIDIFICATION DIFFERENTIELLE D'UN MATERIAU SILICEUX**
[72] BEUTERBAUGH, AARON M., US
[72] REYES, ENRIQUE ANTONIO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-14
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[51] **Int.Cl. A46B 9/02 (2006.01) A46B 9/04 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **INSTRUMENT D'HYGIENE BUCCO-DENTAIRE**
[72] HOHLBEIN, DOUGLAS JOSEPH, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-14
[86] 2015-09-08 (PCT/US2015/048917)
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[25] EN
[54] **STIMULATION OF OVARIAN FOLLICLE DEVELOPMENT AND OOCYTE MATURATION**
[54] **STIMULATION DU DEVELOPPEMENT DE FOLLICULES OVARIENS ET DE LA MATURATION D'OVOCYTES**
[72] CHENG, YUAN, US
[72] HSUEH, AARON J.W., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-02-14
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[25] EN
[54] **BULK MODULUS MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DU MODULE DE COMPRESSIBILITE**
[72] BEISEL, JOSEPH A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-14
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[25] EN
[54] **DOWNHOLE TOOL WITH MULTIPLE PISTONS**
[54] **OUTIL EN PROFONDEUR DE TROU A PISTONS MULTIPLES**
[72] INGLIS, PETER DEREK WALTER, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-14
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[25] EN
[54] **SELF-HEALING COATINGS FOR OIL AND GAS APPLICATIONS**
[54] **REVETEMENTS AUTOREPARANTS POUR DES APPLICATIONS DE PETROLE ET DE GAZ**
[72] CHILUKURI, ANUSHA, US
[72] MURUGESAN, SANKARAN, US
[72] MONTEIRO, OTHON, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-14
[86] 2016-08-09 (PCT/US2016/046155)
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[25] EN
[54] **NON-ISOCYANATE POLYURETHANES AND METHODS OF MAKING AND USING THE SAME**
[54] **POLYURETHANES AUTRES QUE L'ISOCYANATE ET SES PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] ZHANG, KEREN, US
[72] NELSON, ASHLEY, US
[72] LONG, TIMOTHY, US
[72] BERTIN, PAUL, US
[72] BEUHLER, ALLYSON, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[85] 2018-02-14
[86] 2016-08-11 (PCT/US2016/046461)
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[25] EN
[54] **POWER WIRING DEVICE**
[54] **DISPOSITIF DE CABLAGE D'ALIMENTATION**
[72] WEBER, RONALD MARTIN, US
[72] MOSTOLLER, MATTHEW EDWARD, US
[72] DAILY, CHRISTOPHER GEORGE, US
[71] TE CONNECTIVITY CORPORATION, US
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[86] 2016-08-15 (PCT/US2016/046999)
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[25] EN
[54] **FILTERING APPARATUS AND METHOD FOR MULTIBAND RADIO**
[54] **APPAREIL ET PROCEDE DE FILTRAGE POUR RADIO MULTIBANDE**
[72] ANDERSON, HENRY W., US
[72] MOSHER, TIMOTHY S., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-02-14
[86] 2016-08-25 (PCT/US2016/048625)
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[13] A1
[51] **Int.Cl. G01N 21/03 (2006.01) G01D 5/00 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **PATH LENGTH CALIBRATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ETALONNAGE DE LONGUEUR DE TRAJET**
[72] ASHMEAD, DAMIAN W., US
[72] HOWARD, JAMES V., US
[72] KIM, KEVIN K., US
[72] BRAASCH, ANDREW MARTIN, US
[71] THERMO ELECTRON SCIENTIFIC INSTRUMENTS LLC, US
[85] 2018-02-14
[86] 2016-08-25 (PCT/US2016/048635)
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[30] US (62/220,536) 2015-09-18
[30] US (62/306,793) 2016-03-11

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[51] **Int.Cl. B42D 25/324 (2014.01) B42D 25/351 (2014.01) B42D 25/41 (2014.01) B42D 25/425 (2014.01) B42D 25/455 (2014.01) B42D 25/46 (2014.01)**
[25] EN
[54] **MULTILAYER DATA CARRIER HAVING AN AREAL SEE-THROUGH WINDOW**
[54] **PORTEUR DE DONNEES MULTICOUCHE DOTE D'UNE FENETRE TRANSPARENTE AREALE**
[72] ZINKE, ANDREAS, DE
[71] VERIDOS GMBH, DE
[85] 2018-02-15
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[87] (WO2017/032450)
[30] DE (10 2015 010 811.5) 2015-08-21

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[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/51 (2006.01) G01N 21/03 (2006.01)**
[25] EN
[54] **IMAGE ANALYSIS SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ANALYSE D'IMAGE**
[72] GRENOV, ALEXANDER, US
[72] ASHMEAD, DAMIAN W., US
[72] KIM, KEVIN K., US
[72] DECK, FRANCIS J., US
[72] KAUFFOLD, CHRIS XAVIER, US
[71] THERMO ELECTRON SCIENTIFIC INSTRUMENTS LLC, US
[85] 2018-02-14
[86] 2016-08-29 (PCT/US2016/049189)
[87] (WO2017/048491)
[30] US (62/219,444) 2015-09-16
[30] US (62/306,786) 2016-03-11

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[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) H02J 7/00 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **CHARGING STATION FOR ELECTRIC VEHICLES AS WELL AS INTERFACE DEVICE IN SUCH A CHARGING STATION AND METHOD FOR OPERATING A CHARGING STATION**
[54] **POSTE DE RECHARGE DE VEHICULES ELECTRIQUES AINSI QUE DISPOSITIF INTERFACE D'UN TEL POSTE DE RECHARGE ET METHODE DE FONCTIONNEMENT D'UN POSTE DE RECHARGE**
[72] HELL, STEPHAN, DE
[71] INNOGY SE, DE
[85] 2018-02-15
[86] 2016-06-01 (PCT/EP2016/062400)
[87] (WO2017/028975)
[30] DE (10 2015 113 799.2) 2015-08-20

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[51] **Int.Cl. A46B 9/04 (2006.01) A46B 15/00 (2006.01) A46D 1/00 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **ACCESSOIRE D'HYGIENE BUCCALE**
[72] HOHLBEIN, DOUGLAS JOSEPH, US
[72] MOSKOVICH, ROBERT, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-14
[86] 2016-08-31 (PCT/US2016/049639)
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[30] US (14/847,837) 2015-09-08

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[13] A1
[51] **Int.Cl. G02B 6/02 (2006.01)**
[25] EN
[54] **HOLLOW-CORE FIBRE AND METHOD OF MANUFACTURING THEREOF**
[54] **FIBRE A C□UR CREUX ET PROCEDE DE FABRICATION**
[72] RUSSELL, PHILIP, DE
[72] UEBEL, PATRICK, DE
[72] FROSZ, MICHAEL HENOCH, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2018-02-15
[86] 2016-08-24 (PCT/EP2016/001424)
[87] (WO2017/032454)
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[13] A1
[51] **Int.Cl. B62D 23/00 (2006.01) B29C 67/00 (2017.01) B62D 65/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VEHICLE SUBASSEMBLY AND FABRICATION**
[54] **SYSTEMES ET PROCEDES POUR SOUS-ENSEMBLES DE VEHICULE ET FABRICATION**
[72] CZINGER, KEVIN R., US
[72] BALZER, WILLIAM BRADLEY, US
[72] PENMETSA, PRAVEEN VARMA, US
[72] OMOHUNDRO, ZACHARY MEYER, US
[72] O'BRIEN, MATTHEW M., US
[72] TENHOUTEN, BROC WILLIAM, US
[72] HOYLE, RICHARD W., US
[71] DIVERGENT TECHNOLOGIES, INC., US
[85] 2018-02-14
[86] 2016-08-31 (PCT/US2016/049796)
[87] (WO2017/040728)
[30] US (62/212,556) 2015-08-31
[30] US (62/255,372) 2015-11-13

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATIONS AND USES THEREOF**
[54] **COMBINAISONS ET UTILISATIONS DE CELLES-CI**
[72] ENDELL, JAN, DE
[72] WINDERLICH, MARK, DE
[72] BOXHAMMER, RAINER, DE
[71] MORPHOSYS AG, DE
[85] 2018-02-15
[86] 2016-08-18 (PCT/EP2016/069571)
[87] (WO2017/032679)
[30] EP (15181925.7) 2015-08-21

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/12 (2006.01) C07K 14/005 (2006.01) C07K 14/025 (2006.01)**
[25] EN
[54] **THERAPEUTIC HPV18 VACCINES**
[54] **VACCINS THERAPEUTIQUES CONTRE LE VPH 18**
[72] BUNNIK, EVELIEN MARGARETHA, NL
[72] CUSTERS, JEROME H.H.V., NL
[72] SCHEPER, GERRIT CH, NL
[72] OOSTERHUIS, KOEN, NL
[72] UIL, TACO GILLES, NL
[72] KHAN, SELINA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2018-02-15
[86] 2016-08-18 (PCT/EP2016/069618)
[87] (WO2017/029360)
[30] EP (15181791.3) 2015-08-20
[30] EP (16156334.1) 2016-02-18

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[13] A1
[51] **Int.Cl. D04H 1/74 (2006.01) A01G 31/00 (2018.01) B32B 5/22 (2006.01) B32B 5/24 (2006.01)**
[25] EN
[54] **COMPOSITE, GREENING SYSTEM AND DEVICE FOR THERMAL INSULATION**
[54] **COMPOSITE, SYSTEME D'ECOLOGISATION ET DISPOSITIF D'ISOLATION THERMIQUE**
[72] LASAK, KRZYSZTOF, DE
[72] BOTTCHER, ROLF-DIETER, DE
[71] XF TECHNOLOGIES B.V., NL
[85] 2018-02-15
[86] 2016-08-18 (PCT/EP2016/069605)
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[30] EP (15181507.3) 2015-08-19

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[51] **Int.Cl. A61K 8/26 (2006.01) A61K 8/44 (2006.01) A61Q 15/00 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **HIGH-PH ACTIVE COMPOSITIONS**
[54] **COMPOSITIONS ACTIVES A PH ELEVE**
[72] PAN, LONG, US
[72] SMART, SCOTT, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-14
[86] 2016-09-15 (PCT/US2016/051978)
[87] (WO2017/048983)
[30] US (62/220,956) 2015-09-18

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[13] A1
[51] **Int.Cl. G01B 9/02 (2006.01) G02B 6/12 (2006.01) G02B 6/28 (2006.01) G02B 6/43 (2006.01) A61B 3/10 (2006.01)**
[25] EN
[54] **DISTRIBUTED DELAY-LINE FOR LOW-COHERENCE INTERFEROMETRY**
[54] **LIGNE DE RETARD DISTRIBUEE POUR INTERFEROMETRIE A FAIBLE COHERENCE**
[72] SANCHO DURA, JUAN, ES
[72] MARTIN, ALBERTO, ES
[72] RUBIO GIVERNAU, JOSE LUIS, ES
[72] MARGALLO BALBAS, EDUARDO, ES
[71] MEDLUMICS S.L., ES
[85] 2018-02-15
[86] 2016-08-19 (PCT/EP2016/069673)
[87] (WO2017/029386)
[30] US (62/207,049) 2015-08-19
[30] US (15/237,299) 2016-08-15

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[13] A1
[51] **Int.Cl. C04B 40/00 (2006.01)**
[25] EN
[54] **ACCELERATOR COMPOSITION**
[54] **COMPOSITION ACCELERATRICE**
[72] GAEDT, TORBEN, DE
[72] HESSE, CHRISTOPH, DE
[71] BASF SE, DE
[85] 2018-02-15
[86] 2016-08-19 (PCT/EP2016/069731)
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[30] EP (15181990.1) 2015-08-21

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[13] A1
[51] **Int.Cl. C01B 13/11 (2006.01) D04B 1/14 (2006.01)**
[25] EN
[54] **OZONE GENERATION WITH DIRECTLY COOLED PLASMA**
[54] **PRODUCTION D'OZONE AVEC DU PLASMA DIRECTEMENT REFROIDI**
[72] BRUGGEMANN, NICOLE, DE
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-02-15
[86] 2016-08-24 (PCT/EP2016/069936)
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[30] EP (15183513.9) 2015-09-02

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[13] A1
[51] **Int.Cl. G06T 11/60 (2006.01) G06F 19/26 (2011.01)**
[25] EN
[54] **IMAGE PROCESSING SYSTEMS AND METHODS FOR DISPLAYING MULTIPLE IMAGES OF A BIOLOGICAL SPECIMEN**
[54] **SYSTEMES DE TRAITEMENT D'IMAGES, ET PROCEDES D'AFFICHAGE DE PLUSIEURS IMAGES D'UN ECHANTILLON BIOLOGIQUE**
[72] BARNES, MICHAEL, US
[72] CHEN, TING, US
[72] CHEFD'HOTEL, CHRISTOPHE, US
[72] TUBBS, ALISA, US
[72] BIFULCO, CARLO, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] PROVIDENCE HEALTH & SERVICES - OREGON, US
[85] 2018-02-15
[86] 2016-08-25 (PCT/EP2016/070105)
[87] (WO2017/036921)
[30] US (62/213,487) 2015-09-02

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-BCMA ANTIBODIES, BISPECIFIC ANTIGEN BINDING MOLECULES THAT BIND BCMA AND CD3, AND USES THEREOF**
[54] **ANTICORPS ANTI-BCMA, MOLECULES BISPECIFIQUES DE LIAISON A UN ANTIGENE LIANT BCMA ET CD3 ET LEURS UTILISATIONS**
[72] PILLARISETTI, KODANDARAM, US
[72] BALDWIN, ERIC THOMAS, US
[72] POWERS, GORDON D., US
[72] CARDOSO, ROSA MARIA FERNANDES, US
[72] ATTAR, RICARDO, US
[72] GAUDET, FRANCOIS, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-02-14
[86] 2016-08-16 (PCT/US2016/047146)
[87] (WO2017/031104)
[30] US (62/206,246) 2015-08-17

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[13] A1
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[25] EN
[54] **VARIANTS OF CHYMOSIN WITH IMPROVED PROPERTIES**
[54] **VARIANTS DE LA CHYMOSINE AYANT DES PROPRIETES AMELIOREES**
[72] JAECKEL, CHRISTIAN, DK
[72] LUND, MARTIN, DK
[72] HANSEN, ENIKO FODOR, DK
[72] RIISBERG, LONE, DK
[72] JEPPESEN, IBEN, DK
[72] VAN DEN BRINK, JOHANNES MAARTEN, DK
[71] CHR. HANSEN A/S, DK
[85] 2018-02-15
[86] 2016-08-31 (PCT/EP2016/070468)
[87] (WO2017/037092)
[30] EP (15183205.2) 2015-08-31

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[13] A1
[51] **Int.Cl. C10M 141/08 (2006.01)**
[25] EN
[54] **AZOLE DERIVATIVES AS LUBRICATING ADDITIVES**
[54] **DERIVES AZOLE UTILISES EN TANT QU'ADDITIFS AUX MATIERES LUBRIFIANTES**
[72] NYUGEN, NGA H., US
[72] MIATT, PETER, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-02-14
[86] 2016-08-17 (PCT/US2016/047247)
[87] (WO2017/031145)
[30] US (62/207,412) 2015-08-20

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[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01)**
[25] EN
[54] **MODIFIED CULLIN1 GENE**
[54] **GENE CULLIN1 MODIFIE**
[72] VAN DER LINDE, LILIAN, NL
[72] MOVAHEDI, SARA, NL
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
[85] 2018-02-15
[86] 2016-09-08 (PCT/EP2016/071177)
[87] (WO2017/042270)
[30] NL (2015409) 2015-09-08

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[13] A1
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 5/08 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MARKER FOR COMPACT GROWTH IN CUCUMBER**
[54] **MARQUEUR DE CROISSANCE COMPACTE DU CONCOMBRE**
[72] VAN DER LINDE, LILIAN, NL
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
[85] 2018-02-15
[86] 2016-09-08 (PCT/EP2016/071179)
[87] (WO2017/042272)
[30] NL (2015408) 2015-09-08

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[13] A1
[51] **Int.Cl. C01B 11/02 (2006.01) C09K 8/52 (2006.01) C09K 8/532 (2006.01)**
[25] EN
[54] **IN-SITU GENERATION OF CHLORINE DIOXIDE USING METHANESULFONIC ACID FOR REMEDIATION OF SCALE AND SULFIDE**
[54] **PRODUCTION IN SITU DE DIOXYDE DE CHLORE A L'AIDE DE L'ACIDE METHANESULFONIQUE POUR LA RECUPERATION DU TARTRE ET DU SULFURE**
[72] CHANDLER, BRETT, CA
[72] PLASIER, RONALD, CA
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-14
[86] 2016-08-17 (PCT/US2016/047256)
[87] (WO2017/031150)
[30] US (62/206,018) 2015-08-17

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[13] A1
[51] **Int.Cl. E04B 1/90 (2006.01) B32B 5/18 (2006.01) B32B 5/24 (2006.01) B32B 15/04 (2006.01) E04B 1/76 (2006.01) E04B 1/80 (2006.01) E04F 13/04 (2006.01)**
[25] EN
[54] **INSULATING PANEL AND INSULATING ARRANGEMENT**
[54] **PLAQUE D'ISOLATION ET SYSTEME D'ISOLATION**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER, WERNER, DE
[85] 2018-02-15
[86] 2016-09-14 (PCT/EP2016/071692)
[87] (WO2017/046162)
[30] DE (20 2015 104 913.7) 2015-09-16

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[13] A1
[51] **Int.Cl. B01D 39/14 (2006.01)**
[25] EN
[54] **FILTER MEDIA PACKS, METHODS OF MAKING AND FILTER MEDIA PRESSES**
[54] **PAQUETS DE COUCHE FILTRANTE, PROCEDES DE FABRICATION ET PRESSES A COUCHE FILTRANTE**
[72] TATE, JASON L., US
[72] CALCATERRA, FARRELL F., US
[72] GREEN, THOMAS B., US
[72] WICK, CHARLES R., US
[72] PASTRANA, RYAN M., US
[72] MICHLITSCH, JOHN, US
[71] CLARCOR INC., US
[85] 2018-02-14
[86] 2016-08-17 (PCT/US2016/047283)
[87] (WO2017/031168)
[30] US (62/206,100) 2015-08-17
[30] US (62/243,740) 2015-10-20

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[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **REMOVAL OF A CAPSULE FROM A CAPSULE HOLDER**
[54] **RETRAIT D'UNE CAPSULE PRESENTE SUR UN SUPPORT DE CAPSULE**
[72] BYUN, DA MI, CH
[72] DIOUF, SOULEYMANE, CH
[72] GUY, IAN, GB
[72] KAESER, STEFAN, CH
[71] NESTEC S.A., CH
[85] 2018-02-15
[86] 2016-09-16 (PCT/EP2016/071916)
[87] (WO2017/046294)
[30] EP (15185946.9) 2015-09-18

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[51] **Int.Cl. B32B 27/06 (2006.01) B32B 3/26 (2006.01) B32B 27/08 (2006.01) B32B 27/12 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/42 (2006.01)**
[25] EN
[54] **GRADIENT DENSITY SOUND ATTENUATING COMPOSITE AND PROCESS FOR MAKING**
[54] **COMPOSITE D'ATTENUATION ACOUSTIQUE A GRADIENT DE DENSITE ET SON PROCEDE DE FABRICATION**
[72] GUZMAN, SHAWN JOSE, US
[72] BORJA, DEMETRIO BELLOCIDO, US
[72] BARGO, MATTHEW, II, US
[71] CTA ACOUSTICS, INC., US
[85] 2018-02-14
[86] 2016-08-18 (PCT/US2016/047647)
[87] (WO2017/040058)
[30] US (62/212,576) 2015-08-31

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[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A61K 9/08 (2006.01) A61K 31/194 (2006.01) A61K 47/12 (2006.01) A61K 47/16 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 1/10 (2006.01)**
[25] EN
[54] **LIQUID FORMULATIONS CONTAINING PICOSULFATE AND MAGNESIUM CITRATE**
[54] **PREPARATIONS LIQUIDES CONTENANT DU PICOSULFATE ET DU CITRATE DE MAGNESIUM**
[72] PATEL, NIPUL GHANSHYAMBHAI, US
[72] LI, JIAN-XU, US
[72] LIANG, ALFRED CHI-YEH, US
[71] FERRING B.V., NL
[85] 2018-02-15
[86] 2016-08-16 (PCT/US2016/047188)
[87] (WO2017/031121)
[30] US (62/205,917) 2015-08-17

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[51] **Int.Cl. A61C 8/02 (2006.01) A61C 8/00 (2006.01) A61C 17/02 (2006.01) A61C 19/06 (2006.01)**
[25] EN
[54] **CLEANING SYSTEM FOR A DENTAL IMPLANT PART THAT HAS BEEN INTRODUCED INTO THE JAW BONE OF A PATIENT**
[54] **SYSTEME DE NETTOYAGE D'UNE PIECE D'IMPLANTS DENTAIRES QUI A ETE INTRODUITE DANS LA MACHOIRE D'UN PATIENT**
[72] BRODBECK, URS, CH
[71] ZYFOMA GMBH, DE
[85] 2018-02-15
[86] 2015-08-13 (PCT/EP2015/068705)
[87] (WO2016/023998)
[30] DE (102014216294.7) 2014-08-15

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SYRINGE DEVICES**
[54] **DISPOSITIFS DE TYPE SERINGUE**
[72] ROLFS, BRYAN E., US
[72] FLATHER, MARK J., US
[72] DANIELS, KAREN K., US
[72] MOLL, THOMAS, US
[71] ADAMIS PHARMACEUTICALS CORPORATION, US
[85] 2018-02-15
[86] 2016-03-17 (PCT/US2016/022956)
[87] (WO2017/034618)
[30] US (62/209,272) 2015-08-24
[30] US (62/235,984) 2015-10-01

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[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01) A61B 6/00 (2006.01) G01T 1/166 (2006.01)**
[25] EN
[54] **DETECTOR ARM SYSTEMS AND ASSEMBLIES**
[54] **SYSTEMES ET ENSEMBLES BRAS DE DETECTION**
[72] KHEN, ROEE, IL
[72] HEFETZ, YARON, IL
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-02-15
[86] 2016-06-20 (PCT/US2016/038352)
[87] (WO2017/039787)
[30] US (14/841,133) 2015-08-31

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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) A61K 9/00 (2006.01) A61K 31/23 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO TREAT INFECTED EAR CONDITIONS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES ETATS D'OREILLE INFECTEE**
[72] SCHLIEVERT, PATRICK M., US
[72] PETERSON, MARNIE L., US
[71] HENNEPIN LIFE SCIENCES, LLC, US
[85] 2018-02-15
[86] 2016-08-09 (PCT/US2016/046161)
[87] (WO2017/030836)
[30] US (62/206,951) 2015-08-19

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/24 (2006.01) A61B 17/3205 (2006.01)**
[25] EN
[54] **APPARATUS TO FORM OPENING IN ETHMOID BULLA AND IRRIGATE ETHMOID SINUS CAVITY**
[54] **APPAREIL DE FORMATION D'OUVERTURE DANS UNE BULLE ETHMOIDALE ET D'IRRIGATION DE LA CAVITE SINUSALE ETHMOIDALE**
[72] JENKINS, THOMAS R., US
[72] SANKARAN, MEERA L., US
[72] CANTU, ALFREDO R., US
[72] GIROTRA, ROHIT, US
[71] ACCLARENT, INC., US
[85] 2018-02-15
[86] 2016-08-11 (PCT/US2016/046555)
[87] (WO2017/034817)
[30] US (14/837,594) 2015-08-27

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[13] A1
[51] **Int.Cl. B65D 41/04 (2006.01) B32B 3/26 (2006.01) B32B 15/08 (2006.01) B65D 47/00 (2006.01) B65D 51/20 (2006.01) B65D 53/04 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **CONTAINER ORIFICE REDUCER WITH TAMPER EVIDENT SEAL**
[54] **ELEMENT DE REDUCTION D'ORIFICE DE RECIPIENT A JOINT D'ETANCHEITE INVIOLABLE**
[72] GIRAUD, JEAN-PIERRE, US
[72] LUCAS, FRANKLIN LEE, JR., US
[71] CSP TECHNOLOGIES, INC., US
[85] 2018-02-15
[86] 2016-08-17 (PCT/US2016/047237)
[87] (WO2017/031139)
[30] US (62/205,979) 2015-08-17
[30] US (62/326,078) 2016-04-22

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[13] A1
[51] **Int.Cl. C05B 15/00 (2006.01) C05G 3/00 (2006.01) C05G 3/08 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE AMINE-STABILIZED DCD AND/OR ALKYL THIOPHOSPHORIC TRIAMIDE SOLVENT SYSTEMS AND USE IN AGRICULTURAL APPLICATIONS**
[54] **SYSTEMES DE SOLVANTS A BASE DE DCD ET/OU DE TRIAMIDE THIOPHOSPHORIQUE D'ALKYLE STABILISES PAR DES AMINES A HAUTE TEMPERATURE ET LEUR UTILISATION DANS DES APPLICATIONS AGRICOLES**
[72] ORTIZ-SUAREZ, MARIVI, US
[72] SAWYER, JAMES, US
[72] HARRIS, CHRISTOPHER, GB
[71] RHODIA OPERATIONS, FR
[85] 2018-02-15
[86] 2016-08-17 (PCT/US2016/047310)
[87] (WO2017/031186)
[30] US (62/205,837) 2015-08-17

[21] **2,995,833**
[13] A1
[51] **Int.Cl. H04R 7/04 (2006.01) H04R 3/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING PLATE LOUDSPEAKERS USING MODAL CROSSOVER NETWORKS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE HAUT-PARLEURS MONTES SUR PLAQUE AU MOYEN DE FILTRES PASSIFS MODAUX**
[72] ANDERSON, DAVID ALLAN, US
[72] BOCKO, MARK F., US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047768)
[87] (WO2017/031422)
[30] US (62/207,690) 2015-08-20

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[13] A1
[51] **Int.Cl. C07K 16/20 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01) C07K 16/38 (2006.01)**
[25] EN
[54] **NOVEL METHODS OF GENERATING ANTIBODIES**
[54] **NOUVEAUX PROCEDES DE GENERATION D'ANTICORPS**
[72] ANDERSON, STEPHEN, US
[72] CAMPBELL, ELLIOT, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2018-02-15
[86] 2016-08-18 (PCT/US2016/047620)
[87] (WO2017/031353)
[30] US (62/207,022) 2015-08-19

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[13] A1
[51] **Int.Cl. G09F 9/30 (2006.01) G06F 1/16 (2006.01) G09F 19/22 (2006.01) G09G 3/34 (2006.01) H01L 51/00 (2006.01)**
[25] EN
[54] **DISPLAYS INTENDED FOR USE IN ARCHITECTURAL APPLICATIONS**
[54] **DISPOSITIFS D'AFFICHAGE A UTILISER DANS DES APPLICATIONS ARCHITECTURALES**
[72] PAOLINI, RICHARD J., JR., US
[72] TAUSSIG, CARL, US
[72] BISHOP, SETH J., US
[72] MARCOLIN, DAVID VICTOR, US
[72] DEWITTE, RUSSELL J., US
[71] E INK CORPORATION, US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047702)
[87] (WO2017/031398)
[30] US (62/207,066) 2015-08-19

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[13] A1
[51] **Int.Cl. A23D 9/013 (2006.01) A23D 9/02 (2006.01)**
[25] EN
[54] **SHORTENING COMPOSITIONS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS DE MATIERE GRASSE ET LEURS PROCEDES DE FABRICATION**
[72] HIGGINS, NEIL WALLACE, US
[72] JAIN, VISHAL P., US
[72] NAKHASI, DILIP K., US
[72] PIISPA, EIJA MARJATTA, FI
[71] BUNGE OILS, INC., US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047724)
[87] (WO2017/031406)
[30] US (14/831,295) 2015-08-20

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[13] A1
[51] **Int.Cl. A41D 31/02 (2006.01) A41D 19/00 (2006.01) A41D 31/00 (2006.01)**
[25] EN
[54] **CONFORMABLE SEAMLESS THREE DIMENSIONAL ARTICLES AND METHODS THEREFOR**
[54] **ARTICLES TRIDIMENSIONNELS SANS SOUDURE ADAPTABLES ET PROCEDES ASSOCIES**
[72] BACINO, JOHN E., US
[72] CLOUGH, NORMAN E., US
[72] COLLAZO, ORLANDO, US
[72] NORVELL, JEAN, US
[72] SHELLEY, FRANZ, US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2018-02-15
[86] 2016-08-19 (PCT/US2016/047789)
[87] (WO2017/031432)
[30] US (62/207,191) 2015-08-19

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[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **POWER SYSTEMS FOR DYNAMICALLY CONTROLLING A SOAP, SANITIZER OR LOTION DISPENSER DRIVE MOTOR**
[54] **SYSTEMES D'ALIMENTATION POUR COMMANDER DYNAMIQUEMENT UN MOTEUR D'ENTRAINEMENT DE DISTRIBUTEUR DE SAVON, DE DESINFECTANT OU DE LOTION**
[72] LIGHTNER, BRADLEY L., US
[72] BULLOCK, MARK A., US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-02-15
[86] 2016-08-22 (PCT/US2016/047958)
[87] (WO2017/035047)
[30] US (62/208,098) 2015-08-21

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[13] A1
[51] **Int.Cl. A61B 17/02 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **SPACER FOR SECURING A TRANSCATHETER VALVE TO A BIOPROSTHETIC CARDIAC STRUCTURE**
[54] **ESPACEUR POUR FIXER UNE VALVE TRANSCATHETER A UNE STRUCTURE CARDIAQUE BIOPROTHETIQUE**
[72] CAMPBELL, LOUIS A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-02-15
[86] 2016-09-02 (PCT/US2016/050254)
[87] (WO2017/041029)
[30] US (62/213,559) 2015-09-02

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12P 7/18 (2006.01) C12P 7/54 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **RECOMBINANT CELLS, METHOD FOR PRODUCING RECOMBINANT CELLS, AND METHOD FOR PRODUCING 1,4-BUTANEDIOL**
[54] **CELLULES RECOMBINANTES, PROCEDE DE PRODUCTION DE CELLULES RECOMBINANTES ET PROCEDE DE PRODUCTION DE 1,4-BUTANEDIOL**
[72] FURUTANI, MASAHIRO, JP
[72] JENNEWEIN, STEFAN, DE
[72] FISCHER, RAINER, US
[72] MCELROY, CHRISTOPER, DE
[72] GAIDA, STEFAN, DE
[71] SEKISUI CHEMICAL CO., LTD., JP
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2015-09-02 (PCT/JP2015/074979)
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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **ELECTRONIC-CERTIFICATE-BASED TRANSACTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSACTION BASES SUR UN CERTIFICAT ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-16
[86] 2015-12-15 (PCT/CN2015/097384)
[87] (WO2017/101000)

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[13] A1
[51] **Int.Cl. G08G 5/00 (2006.01) G08G 5/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING AIR TRAFFIC DATA**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES DE CIRCULATION AERIENNE**
[72] ENDRES, STEVEN P., US
[71] EXHAUSTLESS, INC., US
[85] 2018-02-15
[86] 2016-08-23 (PCT/US2016/048208)
[87] (WO2017/035147)
[30] US (62/209,226) 2015-08-24
[30] US (15/241,230) 2016-08-19

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[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/00 (2006.01) A61K 39/108 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMMUNE PROTECTION AGAINST EXTRA-INTESTINAL PATHOGENIC E. COLI**
[54] **METHODES ET COMPOSITIONS POUR UNE PROTECTION IMMUNITAIRE CONTRE E. COLI PATHOGENE EXTRA-INTESTINALE**
[72] POOLMAN, JAN THEUNIS, NL
[72] JACQUEMYN, BERT, BE
[72] ABBANAT, DARREN ROBERT, US
[72] YON, PATRICIA IBARRA, CH
[72] HERMANS, PETER WILHELMUS MARIA, NL
[72] KOWARIK, MICHAEL THOMAS, CH
[72] WETTER, MICHAEL LUKAS, CH
[72] KEMMLER, STEFAN JOCHEN, CH
[72] HAUPTLE, MICHA ANDRES, CH
[72] GAMBILLARA, VERONICA, CH
[72] MALLY, MANUELA, CH
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[85] 2018-02-15
[86] 2016-08-24 (PCT/US2016/048278)
[87] (WO2017/035181)
[30] US (62/209,091) 2015-08-24
[30] US (62/210,655) 2015-08-27

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **TARGET INFORMATION MANAGEMENT METHOD AND MANAGEMENT EQUIPMENT AND MANAGEMENT SERVER THEREOF**
[54] **PROCEDE DE GESTION D'INFORMATIONS DE CIBLE ET EQUIPEMENT DE GESTION ET SERVEUR DE GESTION ASSOCIES**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-02-16
[86] 2015-12-15 (PCT/CN2015/097398)
[87] (WO2017/101008)

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[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/48 (2006.01) A61K 31/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CAPABLE OF THE INCORPORATION OF LENALIDOMIDE IN VARIOUS CRYSTALLINE MODIFICATIONS**
[54] **COMPOSITION PHARMACEUTIQUE POUVANT INCORPORER LA LENALIDOMINE SOUS DIVERSES VARIANTES CRISTALLINES**
[72] KONOSONOKS, ARMANDS, LV
[72] MERKYS, KESTUTIS, LV
[71] GRINDEKS, A JOINT STOCK COMPANY, LV
[85] 2018-02-16
[86] 2016-08-26 (PCT/EP2016/070165)
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[30] EP (15182621.1) 2015-08-27

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[13] A1
[51] **Int.Cl. A61K 31/497 (2006.01) A61K 31/5375 (2006.01) A61P 11/00 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **NOVEL ANNELATED BENZAMIDES**
[54] **NOUVEAUX BENZAMIDES ANNELES**
[72] HECKEL, ARMIN, DE
[72] KLEY, JOERG, DE
[72] HAMPRECHT, DIETER, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-02-16
[86] 2015-08-20 (PCT/EP2015/069151)
[87] (WO2017/028926)

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[13] A1
[51] **Int.Cl. C07D 311/16 (2006.01) A61F 2/16 (2006.01) C07D 335/06 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR OPTICALLY ACTIVE DEVICES**
[54] **COMPOSES POUR DISPOSITIFS OPTIQUEMENT ACTIFS**
[72] DOBELMANN-MARA, LARS, DE
[72] RIEDMUELLER, STEFAN, DE
[72] SCHRAUB, MARTIN, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-02-16
[86] 2016-08-03 (PCT/EP2016/001339)
[87] (WO2017/032442)
[30] EP (15182029.7) 2015-08-21

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[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) H01L 27/146 (2006.01)**
[25] EN
[54] **PHOTOSENSITIVE PIXEL STRUCTURE WITH FRONT SIDE COATING**
[54] **STRUCTURE DE PIXELS PHOTOSENSIBLES AVEC REVETEMENT SUR LA FACE AVANT**
[72] DETERRE, MARTIN, FR
[71] PIXIUM VISION SA, FR
[85] 2018-02-16
[86] 2016-09-14 (PCT/EP2016/001545)
[87] (WO2017/045756)
[30] EP (15002677.1) 2015-09-15

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[13] A1
[51] **Int.Cl. B24D 13/04 (2006.01) B24D 3/34 (2006.01) B24D 13/06 (2006.01) B24D 13/16 (2006.01)**
[25] EN
[54] **ABRASIVE TOOL AND METHOD FOR PRODUCING AN ABRASIVE TOOL OF THIS KIND**
[54] **OUTIL ABRASIF ET METHODE DE PRODUCTION D'UN OUTIL ABRASIF DE CE TYPE**
[72] STUCKENHOLZ, BERND, DE
[72] WALDER, PETER, DE
[71] AUGUST RUGGEBERG GMBH & CO. KG, DE
[85] 2018-02-16
[86] 2015-08-21 (PCT/EP2015/069267)
[87] (WO2017/032396)

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF THE METABOLITES OF (4S)- AND (4R)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1,6-NAPHTHYRIDINE-3-CARBOXAMIDE AND THE USE THEREOF**
[54] **PROCEDE DE PREPARATION DE METABOLITES DE (4S) ET (4R)- 4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1,6-NAPHTYRIDINE-3-CARBOXAMIDE ET LEUR UTILISATION**
[72] PLATZEK, JOHANNES, DE
[72] ZORN, LUDWIG, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-02-16
[86] 2016-08-15 (PCT/EP2016/069329)
[87] (WO2017/032627)
[30] EP (15182044.6) 2015-08-21

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM AND AEROSOL-GENERATING ARTICLE FOR USE IN SUCH A SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL ET ARTICLE DE GENERATION D'AEROSOL DESTINE A ETRE UTILISE DANS UN TEL SYSTEME**
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] FURSA, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-02-16
[86] 2016-08-16 (PCT/EP2016/069362)
[87] (WO2017/029270)
[30] EP (15181196.5) 2015-08-17

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[51] **Int.Cl. A01N 25/04 (2006.01) A01N 41/10 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 43/713 (2006.01) A01N 47/06 (2006.01) A01N 47/38 (2006.01) A01N 47/40 (2006.01) A01N 51/00 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01) A01P 13/02 (2006.01)**
[25] EN
[54] **OIL-BASED SUSPENSION CONCENTRATES WITH LOW GRAVITATIONAL SEPARATION AND LOW VISCOSITY**
[54] **CONCENTRES DE SUSPENSION A BASE D'HUILE A FAIBLE SEPARATION GRAVITATIONNELLE ET FAIBLE VISCOSITE**
[72] FAERS, MALCOLM, DE
[72] GAERTZEN, OLIVER, DE
[72] ROCHLING, ANDREAS, DE
[72] RATSCHINSKI, ARNO, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-02-16
[86] 2016-08-16 (PCT/EP2016/069420)
[87] (WO2017/032644)
[30] EP (15181892.9) 2015-08-21

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[13] A1
[51] **Int.Cl. C08G 69/10 (2006.01) C08G 69/04 (2006.01) C08G 73/10 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYASPARTIC ACID UNDER REFLUX COOLING**
[54] **PROCEDES DE PRODUCTION D'ACIDE POLYASPARTIQUE PAR CHAUFFAGE A REFLUX**
[72] TUERKOGLU, GAZI, DE
[72] DETERING, JURGEN, DE
[72] FEHRINGER, DIETRICH, DE
[72] BENZ, CHRISTIAN, DE
[71] BASF SE, DE
[85] 2018-02-16
[86] 2016-09-05 (PCT/EP2016/070793)
[87] (WO2017/042112)
[30] EP (15184264.8) 2015-09-08

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1-6-NAPHTHYRIDINE-3-CARBOXAMIDE AND THE PURIFICATION THEREOF FOR USE AS AN ACTIVEPHARMACEUTICAL INGREDIENT**
[54] **PROCEDE DE PREPARATION DE (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1,6-NAPHTYRIDINE-3-CARBOXAMIDE ET DE PURIFICATION DE CE DERNIER AFIN DE L'UTILISER ENTANT QUE PRINCIPE ACTIF PHARMACEUTIQUE**
[72] PLATZEK, JOHANNES, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-02-16
[86] 2016-08-18 (PCT/EP2016/069558)
[87] (WO2017/032673)
[30] EP (15182043.8) 2015-08-21

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[13] A1
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A WIND FARM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN PARC EOLIEN**
[72] DE BOER, WOLFGANG, DE
[72] MULLER, TIM, DE
[72] HARMS, HARRO, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-02-16
[86] 2016-09-07 (PCT/EP2016/071028)
[87] (WO2017/042191)
[30] DE (10 2015 114 958.3) 2015-09-07

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[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **SELF-CENTERED INLAY AND CORE LAYER FOR INFORMATION CARRYING CARD, PROCESS AND RESULTING PRODUCTS**
[54] **INCLUSION AUTOCENTREE ET COUCHE DE C□UR POUR CARTE-SUPPORT D'INFORMATIONS, PROCESSUS ET PRODUITS RESULTANTS**
[72] COX, MARK A., US
[71] X-CARD HOLDINGS, LLC, US
[85] 2018-02-16
[86] 2015-09-18 (PCT/US2015/050944)
[87] (WO2017/048280)

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[13] A1
[51] **Int.Cl. B60R 13/02 (2006.01)**
[25] EN
[54] **RETAINER TO SECURE FASTENER OF DOOR TRIM PANEL**
[54] **DISPOSITIF DE RETENUE POUR FIXER UNE FIXATION D'UN PANNEAU DE GARNITURE DE PORTE**
[72] KNIEPER, DAVID JOSEPH, US
[71] TOYOTA BOSHOKU AMERICA, INC., US
[85] 2018-02-16
[86] 2016-07-08 (PCT/US2016/041475)
[87] (WO2017/030673)
[30] US (62/206,880) 2015-08-19

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[13] A1
[51] **Int.Cl. G01V 99/00 (2009.01)**
[25] EN
[54] **MECHANISMS-BASED FRACTURE MODEL FOR GEOMATERIALS**
[54] **MODELE DE FRACTURE FONDE SUR DES MECANISMES POUR GEO-MATERIAUX**
[72] HOEINK, TOBIAS, US
[72] ZUBELEWICZ, ALEKSANDER, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-16
[86] 2016-08-09 (PCT/US2016/046181)
[87] (WO2017/030838)
[30] US (14/831,254) 2015-08-20

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[13] A1
[51] **Int.Cl. B67D 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER SYSTEM WITH INTEGRATED CARBONATOR**
[54] **SYSTEME DISTRIBUTEUR DE BOISSON AVEC CARBONATEUR INTEGRE**
[72] RUDICK, ARTHUR G., US
[71] THE COCA-COLA COMPANY, US
[85] 2018-02-16
[86] 2016-08-15 (PCT/US2016/047012)
[87] (WO2017/031047)
[30] US (62/207,094) 2015-08-19

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) C25B 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1-6-NAPHTHYRIDINE-3-CARBOXAMIDE AND RECOVERY OF (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1-6-NAPHTHYRIDINE-3-CARBOXAMIDE BY ELECTROCHEMICAL METHODS**
[54] **PROCEDE DE PREPARATION DE (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1,6-NAPHTYRIDINE-3-CARBOXAMIDE ET DE RECUPERATION DE (4S)-4-(4-CYANO-2-METHOXYPHENYL)-5-ETHOXY-2,8-DIMETHYL-1,4-DIHYDRO-1,6-NAPHTYRIDINE-3-CARBOXAMIDE AU MOYEN DE METHODES ELECTROCHIMIQUES**
[72] PLATZEK, JOHANNES, DE
[72] GOTTFRIED, KATHRIN, DE
[72] ASSMANN, JENS, DE
[72] LOLLI, GIULIO, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2018-02-16
[86] 2016-08-18 (PCT/EP2016/069567)
[87] (WO2017/032678)
[30] EP (15182040.4) 2015-08-21
[30] EP (15182042.0) 2015-08-21

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[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **CARD CONTINUITY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONTINUITE DE CARTE**
[72] HOWE, JUSTIN, US
[72] LOWENBERG, TODD, US
[72] REISKIND, ANDREW, US
[72] SHUKEN, RANDY, US
[72] VILLARS, CURTIS, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-02-16
[86] 2016-08-17 (PCT/US2016/047302)
[87] (WO2017/031181)
[30] US (14/831,756) 2015-08-20

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 10/10 (2012.01) G06Q 50/22 (2018.01) G06F 19/00 (2018.01)**
[25] EN
[54] **PRESCRIPTION FILLING BY IMAGE**
[54] **PREPARATION D'ORDONNANCE PAR IMAGE**
[72] HOENICK, JOHN ROBERT, US
[72] MCKIBBIN, WILLIAM A., US
[72] HUMPHREYS, DUSTIN WAYNE, US
[72] HOFFMAN, JEFFREY M., US
[71] CVS PHARMACY, INC., US
[85] 2018-02-16
[86] 2016-08-17 (PCT/US2016/047331)
[87] (WO2017/031199)
[30] US (14/829,172) 2015-08-18

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[13] A1
[51] **Int.Cl. C10M 141/08 (2006.01) C10M 141/10 (2006.01) C10M 141/12 (2006.01)**
[25] EN
[54] **AZOLE DERIVATIVES AS LUBRICATING ADDITIVES**
[54] **DERIVES D'AZOLE UTILISES EN TANT QU'ADDITIFS DE LUBRIFICATION**
[72] ZHANG, YANSHI, US
[72] NGUYEN, NGA H., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-02-16
[86] 2016-08-17 (PCT/US2016/047243)
[87] (WO2017/031143)
[30] US (62/207,412) 2015-08-20

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[13] A1
[51] **Int.Cl. A62B 18/08 (2006.01) A41D 13/11 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **HEAD BAND MEMBER FOR WEARING RESPIRATOR MASK AND HEAD CRADLE INCLUDING SAME**
[54] **ELEMENT DE BANDEAU DESTINE A PORTER UN MASQUE RESPIRATOIRE ET SERRE-TETE COMPRENANT CE DERNIER**
[72] MOON, JUNGCHUL, KR
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047454)
[87] (WO2017/031263)
[30] KR (10-2015-0117271) 2015-08-20

[21] **2,995,961**
[13] A1
[51] **Int.Cl. B64B 1/70 (2006.01) B64D 1/18 (2006.01)**
[25] FR
[54] **LIGHTER-THAN-AIR AIRCRAFT AND DEBALLASTING METHOD IMPLEMENTED IN SAID LIGHTER-THAN-AIR AIRCRAFT**
[54] **AEROSTAT ET PROCEDE DE DEBALLASTAGE MIS EN OEUVRE DANS CET AEROSTAT**
[72] KUHLMANN, HERVE FRANCOIS, FR
[71] FLYING WHALES, FR
[85] 2018-02-16
[86] 2015-08-11 (PCT/EP2015/068496)
[87] (WO2016/026739)
[30] FR (1457925) 2014-08-21

[21] **2,995,974**
[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **SELECTIVE AORTIC BALLOON OCCLUSION DEVICE, METHODS OF USE, AND USES THEREOF**
[54] **DISPOSITIF D'OCCLUSION A BALLONNET AORTIQUE SELECTIF, PROCEDES D'UTILISATION, ET UTILISATIONS DE CE DERNIER**
[72] HAYS, GREGORY, US
[72] HAYS, JULIA, US
[71] HAYS, INC., US
[85] 2018-02-16
[86] 2016-08-17 (PCT/US2016/047410)
[87] (WO2017/031235)
[30] US (14/830,445) 2015-08-19

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[13] A1
[51] **Int.Cl. A61K 9/08 (2006.01) A61K 31/00 (2006.01) A61K 47/02 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **CLINICAL FORMULATIONS**
[54] **FORMULATIONS CLINIQUES**
[72] GAY, ROGER, US
[72] RATLIFF, JUDSON, US
[72] SOUTHWICK, ROMMA E., US
[71] ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE, US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047545)
[87] (WO2017/031312)
[30] US (62/206,821) 2015-08-18

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[13] A1
[51] **Int.Cl. A62B 18/08 (2006.01) A44B 11/00 (2006.01) A62B 23/02 (2006.01)**
[25] EN
[54] **BUCKLE FOR CONNECTING STRAP AND RESPIRATOR HARNESS INCLUDING THE SAME**
[54] **BOUCLE POUR RELIER UNE SANGLE ET SYSTEMES DE SANGLES DE RESPIRATEUR LA COMPRENANT**
[72] MOON, JUNGCHUL, KR
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047450)
[87] (WO2017/031262)
[30] KR (10-2015-0117270) 2015-08-20

[21] **2,995,981**
[13] A1
[51] **Int.Cl. B32B 27/32 (2006.01)**
[25] EN
[54] **RELEASE OF CLO2 GAS FROM MEDICAL DEVICE PACKAGING FILM**
[54] **LIBERATION DE GAZ ClO2 A PARTIR DE FILM D'EMBALLAGE DE DISPOSITIF MEDICAL**
[72] ABBOTT, NICHOLAS, US
[72] JAIN, RISHABH, US
[72] NELSON, KEVIN, US
[72] BUSCHE, DAVID, US
[72] LYNN, DAVID, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[71] BEMIS COMPANY, INC., US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047608)
[87] (WO2017/031349)
[30] US (62/206,464) 2015-08-18

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[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) C12N 9/50 (2006.01)**
[25] EN
[54] **ENZYMATIC FRACTIONS WITH ANTI-INFLAMMATORY ACTIVITY**
[54] **FRACTIONS ENZYMATIQUES PRESENTANT UNE ACTIVITE ANTI-INFLAMMATOIRE**
[72] MYNOTT, TRACEY L., AU
[72] ENGWERDA, CHRISTIAN, AU
[71] ANATARA LIFESCIENCES LIMITED, AU
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047523)
[87] (WO2017/031299)
[30] US (62/207,570) 2015-08-20

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2018.01) G06F 19/00 (2018.01) G06K 19/07 (2006.01)**
[25] EN
[54] **BULK ENCODING OF MEDICAL ITEMS USING RFID TAGS**
[54] **CODAGE EN MASSE D'ARTICLES MEDICAUX A L'AIDE D'ETIQUETTES RFID**
[72] CAPUTO, JIMMY C., US
[71] MEPS REAL-TIME, INC., US
[85] 2018-02-16
[86] 2016-08-18 (PCT/US2016/047657)
[87] (WO2017/031381)
[30] US (62/206,273) 2015-08-18

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **B7-H1 FUSION POLYPEPTIDES FOR TREATING AND PREVENTING ORGAN FAILURE**
[54] **POLYPEPTIDES DE FUSION A BASE DE B7-H1 POUR TRAITER ET PREVENIR LA DEFAILLANCE VISCERALE**
[72] VON KNETHEN, ANDREAS, DE
[72] PARNHAM, MICHAEL, DE
[72] SHA, LISA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-02-16
[86] 2016-08-19 (PCT/EP2016/069680)
[87] (WO2017/029389)
[30] EP (15181800.2) 2015-08-20

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[13] A1
[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/139 (2010.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) C09D 5/44 (2006.01) C25D 9/00 (2006.01) C25D 13/16 (2006.01) C25D 15/02 (2006.01) H01M 4/58 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **METHODS OF COATING AN ELECTRICALLY CONDUCTIVE SUBSTRATE AND RELATED ELECTRODEPOSITABLE COMPOSITIONS**
[54] **PROCEDES D'APPLICATION EN REVETEMENT D'UN SUBSTRAT ELECTRO-CONDUCTEUR ET COMPOSITIONS APTES A ELECTRODEPOSITON**
[72] DAUGHENBAUGH, RANDY E., US
[72] HELLRING, STUART D., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-02-16
[86] 2016-08-19 (PCT/US2016/047706)
[87] (WO2017/031400)
[30] US (14/831,047) 2015-08-20

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[13] A1
[51] **Int.Cl. A61K 31/4188 (2006.01) A61K 49/08 (2006.01)**
[25] EN
[54] **THERAPEUTIC NANOPARTICLES COMPRISING A THERAPEUTIC AGENT AND METHODS OF MAKING AND USING SAME**
[54] **NANOPARTICULES THERAPEUTIQUES COMPORTANT UN AGENT THERAPEUTIQUE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] HORHOTA, ALLEN, US
[72] SONG, YOUNG-HO, US
[72] JOSHI, UJJWAL, US
[72] SIMMONS, MATTHEW, US
[72] BOYLAN, NICHOLAS, US
[71] PFIZER INC., US
[85] 2018-02-16
[86] 2016-08-19 (PCT/US2016/047799)
[87] (WO2017/034991)
[30] US (62/208,361) 2015-08-21
[30] US (62/238,400) 2015-10-07
[30] US (62/242,515) 2015-10-16
[30] US (62/279,295) 2016-01-15
[30] US (62/349,377) 2016-06-13

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[13] A1
[51] **Int.Cl. A61B 17/12 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **ROTATION ADAPTER AND RECEIVER FOR MINIMALLY INVASIVE SURGICAL DEVICES**
[54] **ADAPTATEUR DE ROTATION ET RECEPTEUR POUR DISPOSITIFS CHIRURGICAUX A INVASION MINIMALE**
[72] SAUER, JUDE S., US
[72] PATTI, JASON C., US
[71] LSI SOLUTIONS, INC., US
[85] 2018-02-16
[86] 2016-08-19 (PCT/US2016/047839)
[87] (WO2017/031448)
[30] US (62/207,287) 2015-08-19

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[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01)**
[25] EN
[54] **VISION-BASED FARE COLLECTION**
[54] **PERCEPTION DE DROITS DE PASSAGE SUR UNE BASE VISUELLE**
[72] BUSCH-SORENSEN, THOMAS, US
[72] MISTRY, PRADIP, US
[71] CUBIC CORPORATION, US
[85] 2018-02-16
[86] 2016-08-24 (PCT/US2016/048305)
[87] (WO2017/035184)
[30] US (62/209,266) 2015-08-24
[30] US (15/244,631) 2016-08-23

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[13] A1
[51] **Int.Cl. A01K 89/00 (2006.01) A01K 97/00 (2006.01) B63H 16/04 (2006.01)**
[25] EN
[54] **COMBINATION PADDLE SHAFT AND FISHING ROD**
[54] **ASSOCIATION D'UN MANCHE DE PAGAIE ET D'UNE CANNE A PECHE**
[72] SHIFLETT, RONALD C., JR., US
[71] SHIFLETT, RONALD C., JR., US
[85] 2018-02-16
[86] 2016-08-24 (PCT/US2016/048330)
[87] (WO2017/035200)
[30] US (62/209,436) 2015-08-25
[30] US (62/238,799) 2015-10-08
[30] US (62/251,515) 2015-11-05

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[13] A1
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[25] EN
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[54] **PROCEDES DE TRAITEMENT DU SYNDROME POLYKYSTIQUE DES REINS**
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[72] CHAU, B. NELSON, US
[72] PATEL, VISHAL D., US
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[54] **COMPOSES ET COMPOSITIONS UTILES POUR TRAITER DES TROUBLES ASSOCIES AU GENE NTRK**
[72] WENGLOWSKY, STEVEN MARK, US
[72] BROOIJMANS, NATASJA, US
[72] MIDUTURU, CHANDRASEKHAR V., US
[72] BIFULCO, NEIL, US
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[54] **COMPOSITIONS AND METHODS OF IMPROVING SPECIFICITY IN GENOMIC ENGINEERING USING RNA-GUIDED ENDONUCLEASES**
[54] **COMPOSITIONS ET PROCEDES D'AMELIORATION DE LA SPECIFICITE DANS L'INGENIERIE GENOMIQUE A L'AIDE D'ENDONUCLEASES GUIDEES PAR ARN**
[72] JOSEPHS, ERIC, US
[72] KOCAK, DEWRAN, US
[72] MARSZALEK, PIOTR, US
[72] GERSBACH, CHARLES A., US
[71] DUKE UNIVERSITY, US
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[54] **SYSTEME ET PROCEDE POUR ADMINISTRER UN AGENT DE SOUTENEMENT A UN MELANGEUR**
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[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
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[54] **PLATE-FORME DE VEHICULE INTEGREE EN INFONUAGIQUE**
[72] HAIDAR, MAHMOUD, US
[72] HALL, DANIEL THOMAS, US
[72] KINNEY, POWELL MCVAY, US
[72] TURNEY, KYLE JUSTIN, US
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[54] **CYSTINE KNOT SCAFFOLD PLATFORM**
[54] **PLATE-FORME D'ECHAFAUDAGE A NOEUD DE CYSTINE**
[72] HANNOUSH, RAMI, US
[72] KALUARACHCHI, HARINI, US
[72] NILE, AARON, US
[72] NOLAND, CAMERON, US
[72] ZHANG, YINGNAN, US
[72] ZHOU, LIJUAN, US
[72] GAO, XINXIN, US
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[54] **ADSORPTION A BASCULE THERMIQUE CYCLIQUE AVEC TRANSFERT DE CHALEUR DIRECT A L'AIDE D'UN FLUIDE DE TRANSFERT DE CHALEUR**
[72] WESTON, SIMON C., US
[72] AFEWORKI, MOBAE, US
[72] MINHAS, BHUPENDER S., US
[72] GUPTA, RAMESH, US
[72] CARAM, HUGO S., US
[72] CHAUDHURY, MANOJ K., US
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[72] RODRIGUEZ, DIEGO, US
[72] FERNANDEZ, JOSE ALONSO, US
[72] QUIROGA, JUAN ANTONIO, US
[72] VAZQUEZ, DANIEL CRESPO, US
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[54] **ENCEINTE POUR CONNEXION FORMEE ENTRE DES CONNECTEURS COUPLES**
[72] MOORE, JASON, AU
[71] EAST COAST INNOVATIONS PTY LIMITED, AU
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[54] **INSTALLATION DE TRAITEMENT DE DEBLAIS**
[72] BEACH, JACK, AU
[72] COSTELLO, NEIL, AU
[71] VHS IP PTY LTD, AU
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[25] EN
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[54] **PROCEDE ET APPAREIL PERMETTANT D'ECLAIRER UN CHAMP OBJET IMAGE PAR UN CAPTEUR D'IMAGE DE FORME RECTANGULAIRE**
[72] CHINNOCK, RANDAL B., US
[72] WEBER, WILLIAM L., US
[71] TITAN MEDICAL INC., CA
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[54] **INHIBITEURS DE POINTS DE CONTROLE IMMUNITAIRES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE CANCERS A DIFFUSION HEMATOGENE**
[72] FIEDLER, WALTER, DE
[72] WELLBROCK, JASMIN, DE
[72] STAMM, HAUKE, DE
[72] KLINGLER, FELIX, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
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[54] **MAT POUR AEROGENERATEUR**
[72] DREWES, STEPHAN, DE
[72] HIRT, MARK, DE
[72] PATBERG, LOTHAR, DE
[72] PATON, ADRIAN, DE
[72] TLAUKA, PATRICK, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
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[54] **MANCHE DE CHALUMEAU COMPRENANT UNE MACHOIRE A COMMANDE PNEUMATIQUE**
[72] STEPHENS, MICHAEL E., US
[72] HENDERSON, JEFFREY S., US
[71] VICTOR EQUIPMENT COMPANY, US
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[54] **MODULE DE TOILETTES**
[72] SAVIAN, SCOTT, US
[72] SCOLEY, IAN GEOFFREY, US
[72] LONG, ERIC, US
[71] C&D ZODIAC, INC., US
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[54] **UNITE REMPLACABLE POUR DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE AYANT DES ELEMENTS DE POSITIONNEMENT POUR CONTACTS ELECTRIQUES**
[72] PAYNE, JEREMY KEITH, US
[72] TRIPLETT, EDWARD LYNN, US
[71] LEXMARK INTERNATIONAL, INC., US
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[54] **EXHAUST GAS TREATMENT CATALYSTS**
[54] **CATALYSEURS DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] ZHENG, XIAOLAI, US
[72] DEEBA, MICHEL, US
[72] YANG, XIAOFAN, US
[72] FU, QI, US
[72] WASSERMANN, KNUT, US
[72] NAGATA, MAKOTO, JP
[72] KANNO, YASUHARU, JP
[72] NAKAYAMA, HIROKI, JP
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[54] **UNITE DE SIGNALISATION CONCUE POUR INTRODUIRE DES MOTIFS D'IMPULSION VIBRATOIRE DANS UNE COLONNE DE FLUIDE INTRAVEINEUX**
[72] DEARMOND, DANIEL T., US
[72] CALHOON, JOHN H., US
[71] DEARMOND, DANIEL T., US
[71] CALHOON, JOHN H., US
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[54] **TEST RAPIDE POUR DECELER DES BACTERIES**
[72] EBERT, DIETER, CH
[72] REICHL, MATHIAS, DE
[72] LUBITZ, WERNER, AT
[71] SWISS ANALYZE BACTERIA AG, CH
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[25] EN
[54] **THREE-DIMENSIONAL PRINTING SYSTEM AND EQUIPMENT ASSEMBLY**
[54] **SYSTEME D'IMPRESSION TRIDIMENSIONNELLE ET ENSEMBLE D'EQUIPEMENT**
[72] PATEL, MAHENDRA R., US
[72] PATEL, AMIT S., IN
[72] BRADBURY, THOMAS J., US
[72] WEST, THOMAS G., US
[71] APRECIA PHARMACEUTICALS LLC, US
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[25] EN
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[54] **BIOMASSE HYDROTHERMIQUEMENT CARBONEE FORMEE PAR L'INTERMEDIAIRE D'UNE EXTRUSION A DOUBLE VIS REACTIVE**
[72] FELIX, LARRY G., US
[71] GAS TECHNOLOGY INSTITUTE, US
[85] 2018-02-16
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[54] **CUPPER DRAW PAD**
[54] **COUSSIN D'EMBOUTISSAGE DE PRESSE A POINCONNER ET A DECOUPER**
[72] SCHREMMER, MARK, US
[72] SCHAEFER, SCOTT, US
[72] WAGNER, MARK, US
[71] ANHEUSER-BUSCH, LLC, US
[85] 2018-02-19
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[54] **DERIVES DE HALOGENOQUINABACTINE**
[72] CUTLER, SEAN R., US
[72] WENDERBORN, SEBASTIAN V., CH
[72] LOISELEUR, OLIVIER, CH
[72] LACHIA, MATHILDE D., CH
[72] SABBADIN, DAVIDE, CH
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **OBJECT IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJET**
[72] LILLY, JAMES D., US
[72] CORUM, KENNETH L., US
[72] CORUM, JAMES F., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
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[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJET**
[72] LILLY, JAMES D., US
[72] CORUM, KENNETH L., US
[72] CORUM, JAMES F., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
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[54] **SYSTEMS AND METHODS FOR CONTINUOUS HEALTH MONITORING USING AN OPTO-ENZYMATIC ANALYTE SENSOR**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLANCE DE SANTE EN CONTINU AU MOYEN D'UN CAPTEUR D'ANALYTES OPTO-ENZYMATIQUE**
[72] BREMER, TROY M., US
[71] METRONOM HEALTH, INC., US
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[54] **OBJECT IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJET**
[72] LILLY, JAMES D., US
[72] CORUM, KENNETH L., US
[72] CORUM, JAMES F., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2018-02-16
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[25] EN
[54] **OBJECT IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJET**
[72] LILLY, JAMES D., US
[72] CORUM, KENNETH L., US
[72] CORUM, JAMES F., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
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[25] EN
[54] **ANTI-SIGLEC-7 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-SIGLEC-7 ET LEURS METHODES D'UTILISATION**
[72] MONROE, KATE, US
[72] LAM, HELEN, US
[72] ROSENTHAL, ARNON, US
[72] LEE, SEUNG-JOO, US
[72] AVOGADRI-CONNORS, FRANCESCA, US
[72] MONTEITH, WILLIAM, US
[71] ALECTOR LLC, US
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[25] EN
[54] **EXTENDED LIFE ANIMAL-REPELLING SPRAY CHEMICAL COMPOSITION**
[54] **COMPOSITION CHIMIQUE PULVERISABLE A DUREE DE VIE PROLONGEE ET A ACTION REPULSIVE SUR LES ANIMAUX**
[72] DUSSICH, JOSEPH A., JR., US
[72] DUSSICH, JAMES A., US
[71] MINT-X LLC, US
[85] 2018-02-19
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[25] EN
[54] **FLURO-INORGANICS FOR INHIBITING OR REMOVING SILICA OR METAL SILICATE DEPOSITS**
[54] **PRODUITS FLUORO-MINERAUX POUR INHIBER LA FORMATION DE DEPOTS DE SILICE OU DE SILICATE METALLIQUE OU POUR ELIMINER CES DEPOTS**
[72] SOMMESE, ANTHONY G., US
[72] GILL, JABIR S., US
[72] MILLER, THOMAS M., US
[72] RODMAN, DAVID, AU
[72] BATTON, CAROL B., US
[72] HOOTS, JOHN E., US
[72] WEBERSKI, MICHAEL PATRICK, JR., US
[72] GODFREY, MARTIN RAY, US
[71] ECOLAB USA INC., US
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[54] **PROCEDE D'INJECTION DE PUISSANCE ELECTRIQUE**
[72] BEEKMANN, ALFRED, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-02-19
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[25] EN
[54] **POLYETHYLENE COMPOSITION FOR A LAYER ELEMENT OF A PHOTOVOLTAIC MODULE**
[54] **COMPOSITION DE POLYETHYLENE POUR UN ELEMENT EN COUCHE D'UN MODULE PHOTOVOLTAIQUE**
[72] HELLSTROM, STEFAN, SE
[72] SANDHOLZER, MARTINA, AT
[72] SULTAN, BERNT-AKE, SE
[72] ANDREASSON, URBAN, SE
[72] COSTA, FRANCIS, AT
[72] GALGALI, GIRISH SURESH, AT
[71] BOREALIS AG, AT
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[54] **JET MILLING METHOD**
[54] **PROCEDE DE BROYAGE A JET**
[72] MANFORD, FERGUS, GB
[72] GREEN, MATTHEW, GB
[71] VECTURA LIMITED, GB
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[25] EN
[54] **CARBOHYDRATE LIGANDS THAT BIND TO ANTIBODIES AGAINST GLYCOEPITOPES OF GLYCOSPHINGOLIPIDS**
[54] **LIGANDS GLUCIDIQUES SE LIANT A DES ANTICORPS DIRIGES CONTRE DES GLYCOEPITOPES DE GLYCOSPHINGOLIPIDES**
[72] HERRENDORFF, RUBEN, CH
[72] ERNST, BEAT, CH
[72] STECK, ANDREAS, CH
[72] PFISTER, HELENE, CH
[72] NAVARRA, GIULIO, CH
[71] UNIVERSITAT BASEL, CH
[85] 2018-02-20
[86] 2016-09-14 (PCT/EP2016/071711)
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[25] EN
[54] **CONDUCTOR FOR A POWER TRANSMISSION CABLE AND A PROCESS FOR THE PRODUCTION OF THE CONDUCTOR**
[54] **CONDUCTEUR POUR UN CABLE DE TRANSMISSION DE PUISSANCE ET PROCESSUS DE PRODUCTION DU CONDUCTEUR**
[72] HEDLUND, JOHAN, SE
[72] LACIC, IGOR, SE
[71] NKT HV CABLES GMBH, CH
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[25] EN
[54] **NOVEL ANNELATED PHENOXYACETAMIDES**
[54] **NOUVEAUX PHENOXYACETAMIDES ANNELES**
[72] HECKEL, ARMIN, DE
[72] FRATTINI, SARA, DE
[72] HAMPRECHT, DIETER, DE
[72] KLEY, JOERG, DE
[72] WIEDENMAYER, DIETER, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-02-20
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[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING MICROFIBRILLATED CELLULOSE FIBER**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE FIBRE DE CELLULOSE MICROFIBRILLEE**
[72] HEISKANEN, ISTO, FI
[72] KASTINEN, HENRI, FI
[72] AXRUP, LARS, SE
[72] POLLANEN, SAIJA, FI
[72] KORHONEN, JANI, FI
[72] SUHONEN, PETRI, FI
[72] TIAINEN, TEEMU, FI
[72] VAKEVAINEN, MATTI, FI
[71] STORA ENSO OYJ, FI
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[54] **HEAT PADS COMPRISING ANNULAR HEAT CELLS**
[54] **COUSSINETS THERMIQUES AVEC CELLULES THERMIQUES EN FORME DE CERCLE**
[72] WOLLER, KARL-HEINZ, DE
[72] RUCKER, PIA, DE
[72] NIERLE, JENS, DE
[71] BEIERSDORF AG, DE
[85] 2018-02-20
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[51] **Int.Cl. A61B 5/11 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **DETECTION DEVICE FOR DETECTING AND MONITORING A BODY POSTURE OR A SEQUENCE OF MOVEMENTS OF A BODY PART AND METHOD THEREFORE**
[54] **DISPOSITIF DE DETECTION DESTINE A LA DETECTION ET A LA SURVEILLANCE DU MAINTIEN POSTURAL OU DU DEROULEMENT D'UN MOUVEMENT D'UNE PARTIE DU CORPS AINSI QUE PROCEDE Y RELATIF**
[72] LACKER, MICHAEL, DE
[71] INTRONIC GMBH & CO., DE
[85] 2018-02-20
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[25] EN
[54] **DETERMINATION OF INSTANTANEOUS IMPEDANCE OF AN AC POWER LINE USED AS A TRANSMISSION LINE**
[54] **DETERMINATION D'IMPEDANCE INSTANTANEE D'UNE LIGNE ELECTRIQUE CA UTILISEE COMME LIGNE DE TRANSMISSION**
[72] CHIUMMIENTO, PHILIPPE, FR
[72] PICHOT, MATTHIEU, FR
[72] VU, DINH THANG, FR
[71] ITRON FRANCE, FR
[85] 2018-02-20
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[25] EN
[54] **VANADIUM PYRIDINE-IMINE COMPLEX, CATALYTIC SYSTEM COMPRISING SAID VANADIUM PYRIDINE-IMMINE COMPLEX AND A (CO)POLYMERIZATION PROCESS OF CONJUGATED DIENES**
[54] **COMPLEXE VANADIUM PYRIDINE-IMINE, SYSTEME CATALYTIQUE COMPRENANT LEDIT COMPLEXE VANADIUM PYRIDINE-IMINE ET PROCEDE DE (CO)POLYMERISATION DE DIENES CONJUGUES**
[72] RICCI, GIOVANNI, IT
[72] LEONE, GIUSEPPE, IT
[72] SOMMAZZI, ANNA, IT
[72] MASI, FRANCESCO, IT
[71] VERSALIS S.P.A., IT
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[25] EN
[54] **FORMULATION FOR THE TREATMENT OF ACNE**
[54] **FORMULATION POUR LE TRAITEMENT DE L'ACNE**
[72] OPSAHL, ROSS CHRISTIAN, US
[72] BUTUC, STELUTA GINA, US
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2018-02-20
[86] 2016-08-25 (PCT/EP2016/070036)
[87] (WO2017/036897)
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[25] EN
[54] **1,7-DIARYL-1,6-HEPTADIENE-3,5-DIONE DERIVATIVES, METHOD FOR MANUFACTURE, AND USE THEREOF**
[54] **DERIVES DE 1,7-DIARYL-1,6-HEPTADIENE-3,5-DIONE, METHODES DE PRODUCTION ET UTILISATION DESDITS DERIVES**
[72] SPATH, ANDREAS, DE
[72] PLATZER, KRISTJAN, AT
[72] MAISCH, TIM, DE
[72] EICHNER, ANJA, DE
[71] UNIVERSITAT SALZBURG, AT
[71] UNIVERSITATSKLINIKUM REGENSBURG, DE
[85] 2018-02-20
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[54] **SYRINGE FOR TYMPANIC INJECTION**
[54] **SERINGUE POUR INJECTION AU TYMPAN**
[72] SATO, SEIICHI, JP
[72] KOYAMA, YOSHITOSHI, JP
[72] TATARA, MITSUTOSHI (DECEASED), JP
[71] SATO PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **DRUG COMPOSITION AND COATING**
[54] **COMPOSITION MEDICAMENTEUSE ET ENROBAGE ASSOCIE**
[72] ANTONI, PER, SE
[72] LEONTEIN, KARIN, SE
[72] LI, MEI, US
[72] CLEEK, ROBERT L., US
[72] DRUMHELLER, PAUL D., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2018-02-20
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[25] EN
[54] **BI-DIRECTIONAL IN-LINE ACTIVE AUDIO FILTER**
[54] **FILTRE AUDIO ACTIF EN LIGNE BIDIRECTIONNEL**
[72] RUTHERFORD, BRIAN, US
[71] B/E AEROSPACE, INC., US
[85] 2018-02-20
[86] 2015-08-20 (PCT/US2015/046143)
[87] (WO2016/029036)
[30] US (62/040,383) 2014-08-21
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF PHOTOAGING AND OTHER SKIN CONDITIONS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU PHOTOVIEILLISSEMENT ET D'AUTRES TROUBLES CUTANES**
[72] LABHASETWAR, VINOD D., US
[71] PRO TRANSIT NANOTHERAPY LLC, US
[85] 2018-02-20
[86] 2015-08-20 (PCT/US2015/046113)
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[54] **SYSTEM AND METHOD FOR ANALYZING ROLLING STOCK WHEELS**
[54] **SYSTEME ET PROCEDE POUR ANALYSER DES ROUES DE MATERIEL ROULANT**
[72] KILIAN, KRZYSZTOF, US
[71] LYNXRAIL CORPORATION, US
[85] 2018-02-20
[86] 2015-08-27 (PCT/US2015/047100)
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[30] US (62/042,592) 2014-08-27

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01) G01V 11/00 (2006.01)**
[25] EN
[54] **MUD PULSE TELEMETRY TOOL COMPRISING A LOW TORQUE VALVE**
[54] **OUTIL DE TELEMETRIE PAR IMPULSIONS DANS LA BOUE COMPRENANT UNE VANNE A FAIBLE COUPLE**
[72] ODEGBAMI, OLUMIDE O., US
[72] CHAMBERS, LARRY DELYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **THREADED PIPE JOINT**
[54] **RACCORD FILETE POUR TUBES**
[72] GLUKHIH, NIKITA EVGENYEVICH, RU
[72] BARABANOV, SERGEY NIKOLAEVICH, RU
[72] ZABOYARKIN, ARTEM VLADIMIROVICH, RU
[72] NAKONECHNIKOV, SERGEY IGOREVICH, RU
[72] ALEKSANDROV, SERGEY VLADIMIROVICH, RU
[72] GOLOVIN, VLADISLAV VLADIMIROVICH, RU
[72] MORGUNOV, VASILIY ALEKSANDROVICH, RU
[72] FILIPPOV, ANDREY GENNADYEVICH, RU
[72] KIRSHIN, VASILIY IVANOVICH, RU
[72] CHERNUKHIN, VLADIMIR IVANOVICH, RU
[71] JOINT STOCK COMPANY "PERVOURALSK PIPE PLANT" (JSC "PNTZ"), RU
[85] 2018-02-20
[86] 2016-07-27 (PCT/RU2016/000492)
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[25] EN
[54] **COLLABORATIVE AUDIO PROCESSING**
[54] **TRAITEMENT AUDIO COLLABORATIF**
[72] KIM, LAE-HOON, US
[72] VISSER, ERIK, US
[72] PERI, RAGHUVEER, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-20
[86] 2016-07-28 (PCT/US2016/044558)
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[30] US (14/859,111) 2015-09-18

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[25] EN
[54] **APPARATUS AND SYSTEM FOR COMBINED RADPI CYCLE TEMPERATURE AND PRESSURE SWING ADSORPTION PROCESSES RELATED THERETO**
[54] **APPAREIL ET SYSTEME POUR PROCESSUS COMBINES D'ADSORPTION MODULEE EN TEMPERATURE ET MODULEE EN PRESSION A CYCLES RAPIDES**
[72] MARSHALL, BENNETT D., US
[72] KELLEY, BRUCE T., US
[72] NAGAVARAPU, ANANDA K., US
[72] DECKMAN, HARRY W., US
[72] JOHNSON, ROBERT A., US
[72] RAMKUMAR, SHWETHA, US
[72] OELFKE, RUSSELL H., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-20
[86] 2016-08-10 (PCT/US2016/046369)
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[30] US (62/213,270) 2015-09-02

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[25] EN
[54] **FIBER OPTIC CONNECTOR SUB-ASSEMBLIES AND RELATED METHODS**
[54] **SOUS-ENSEMBLES DE CONNECTEURS A FIBRES OPTIQUES ET PROCEDES ASSOCIES**
[72] DANLEY, JEFFREY DEAN, US
[72] ELKINS, ROBERT BRUCE, II, US
[72] MILLER, DARRIN MAX, US
[72] MORRISON, DENNIS CRAIG, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-02-20
[86] 2016-08-05 (PCT/US2016/045788)
[87] (WO2017/034782)
[30] US (62/208,131) 2015-08-21
[30] US (62/232,760) 2015-09-25
[30] US (14/920,023) 2015-10-22

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 3/14 (2006.01) B01D 53/047 (2006.01) B01D 53/26 (2006.01) B01D 53/28 (2006.01) C10L 3/10 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR SWING ADSORPTION USING AN OVERHEAD STREAM OF A DEMETHANIZER AS PURGE GAS**
[54] **PROCEDE ET SYSTEME POUR ADSORPTION MODULEE AU MOYEN D'UN FLUX DE TETE D'UN DEMETHANISEUR COMME GAZ DE PURGE**
[72] NAGAVARUPU, ANANDA K, US
[72] MARSHALL, BENNETT D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-02-20
[86] 2016-08-10 (PCT/US2016/046371)
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[30] US (62/213,267) 2015-09-02
[30] US (62/370,977) 2016-08-04

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[25] EN
[54] **FCV RECOMBINANT VACCINES AND USES THEREOF**
[54] **VACCINS RECOMBINANTS CONTRE LE FCV ET UTILISATIONS DE CEUX-CI**
[72] POULET, HERVE, FR
[72] REYNARD, FREDERIC, FR
[71] MERIAL, INC., US
[85] 2018-02-20
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[30] US (62/207,638) 2015-08-20

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[54] **IDENTIFICATION DOCUMENT WITH TACTILE FEATURE**
[54] **DOCUMENT D'IDENTIFICATION PRESENTANT UNE CARACTERISTIQUE TACTILE**
[72] TIGUY, ASHLEY S.R., US
[72] BI, DAOSHEN, US
[72] JONES, ROBERT, US
[71] MORPHOTRUST USA, LLC, US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047751)
[87] (WO2017/031414)
[30] US (62/207,516) 2015-08-20

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[51] **Int.Cl. A61B 3/032 (2006.01) A61B 3/113 (2006.01) A61B 3/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COGNITIVE FUNCTION TESTING**
[54] **PROCEDE ET SYSTEME D'EVALUATION DES FONCTIONS COGNITIVES**
[72] JAHNKE, NATHAN A., US
[72] STILL, J. BRIAN, US
[72] GAMEL, GREGORY L., US
[72] BARONIA, BENEDICTO C., US
[71] EYEGUIDE, INC., US
[85] 2018-02-20
[86] 2016-08-18 (PCT/US2016/047578)
[87] (WO2017/031331)
[30] US (62/207,445) 2015-08-20

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[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/60 (2006.01) E21B 43/16 (2006.01) E21B 43/22 (2006.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SUPPLEMENTING THE IMMISCIBLE WATER INJECTION CYCLE WITH NUTRIENTS TO IMPROVE OIL RELEASE IN OIL-CONTAINING ROCK FORMATIONS**
[54] **SUPPLEMENTATION DU CYCLE D'INJECTION D'EAU IMMISCIBLE PAR DES NUTRIMENTS POUR AMELIORER LA LIBERATION DE PETROLE DANS DES FORMATIONS ROCHEUSES CONTENANT DU PETROLE**
[72] MARCOTTE, BRIAN W. G., US
[72] SHEEHY, ALAN JAMES (DECEASED), US
[72] HILL, COLIN KENNETH, US
[72] CARROLL, MICHAEL THOMAS, US
[71] TITAN OIL RECOVERY, INC., US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047712)
[87] (WO2017/031402)
[30] US (62/207,470) 2015-08-20
[30] US (15/240,757) 2016-08-18

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[13] A1
[51] **Int.Cl. A61F 6/08 (2006.01)**
[25] EN
[54] **FLEXIBLE CONE-SHAPED INTRA-VAGINAL SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT INTRA-VAGINAL SOUPLE ET EN FORME DE CONE**
[72] CONTI, ALLISON, US
[71] WATKINS-CONTI PRODUCTS, INC., US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047859)
[87] (WO2017/031456)
[30] US (62/283,092) 2015-08-20
[30] US (15/242,105) 2016-08-19

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **MODIFIED ANTISENSE OLIGOMERS FOR EXON INCLUSION IN SPINAL MUSCULAR ATROPHY**
[54] **OLIGOMERES ANTISENS MODIFIES POUR L'INCLUSION D'EXONS DANS L'ATROPHIE MUSCULAIRE SPINALE**
[72] PASSINI, MARCO A., US
[72] HANSON, GUNNAR J., US
[71] SAREPTA THERAPEUTICS, INC., US
[85] 2018-02-20
[86] 2016-08-26 (PCT/US2016/048965)
[87] (WO2017/040271)
[30] US (62/211,678) 2015-08-28
[30] US (62/379,696) 2016-08-25

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[13] A1
[51] **Int.Cl. A61K 47/68 (2017.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ANTI-DLL3 ANTIBODY DRUG CONJUGATES AND METHODS OF USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS ANTI-DLL3 ET METHODES D'UTILISATION**
[72] DYLLA, SCOTT J., US
[72] SLINGERLAND, BRIAN, US
[72] HAN, TAE, US
[72] PEATTIE, JOHN, US
[72] KARSUNKY, HOLGER, US
[72] ANDERSON, WADE C., US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047870)
[87] (WO2017/031458)
[30] US (62/207,830) 2015-08-20
[30] US (62/323,998) 2016-04-18
[30] US (62/373,906) 2016-08-11

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[13] A1
[51] **Int.Cl. A61F 2/958 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **CONTROLLED BALLOON DEPLOYMENT**
[54] **DEPLOIEMENT COMMANDE DE BALLONNET**
[72] ZHU, YIDONG M., US
[72] ZHOU, PU, US
[72] BULMAN, ERIK, US
[72] BIAN, BAIGUI, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-02-20
[86] 2016-08-26 (PCT/US2016/048995)
[87] (WO2017/040284)
[30] US (62/210,375) 2015-08-26

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ENHANCED DEPLETION OF TARGETED CELLS WITH CD47 BLOCKADE AND AN IMMUNE COSTIMULATORY AGONIST**
[54] **DEPLETION ACCRUE DE CELLULES CIBLES AVEC UN BLOCAGE DE CD47 ET UN AGONISTE DE CO-STIMULATION IMMUNITAIRE**
[72] SCHNORR, PETER, US
[72] CHHABRA, AKANKSHA, US
[72] SHIZURU, JUDITH A., US
[72] WEISSMAN, IRVING L., US
[72] WEISKOPF, KIPP ANDREW, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-02-20
[86] 2016-08-26 (PCT/US2016/049016)
[87] (WO2017/035480)
[30] US (62/210,279) 2015-08-26

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01) A61B 18/08 (2006.01) A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS ACCESS AND FORMATION OF ARTERIOVENOUS FISTULAS**
[54] **SYSTEMES ET PROCEDES POUR UN 'ACCES PERCUTANE ET LA FORMATION DE FISTULES ARTERIOVEINEUSES**
[72] FOERSTER, SETH A., US
[72] HULL, JEFFREY E., US
[72] KELLERMAN, BRAD M., US
[72] ALDRIDGE, DAVID T., US
[72] REU, GENE B., US
[72] RITCHART, MARK A., US
[72] WROLSTAD, DAVID K., US
[71] AVENU MEDICAL, INC., US
[85] 2018-02-20
[86] 2016-08-19 (PCT/US2016/047918)
[87] (WO2017/035034)
[30] US (62/208,353) 2015-08-21

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 21/00 (2006.01) E21B 21/01 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **PROPORTIONAL CONTROL OF RIG DRILLING MUD FLOW**
[54] **COMMANDE PROPORTIONNELLE D'ECOULEMENT DE BOUE DE FORAGE D'UN APPAREIL DE FORAGE**
[72] COUTURIER, YAWAN, US
[72] THOW, PAUL ANDREW, US
[72] DOW, BLAINE, US
[72] HARDT, JESSE ALAN, US
[71] SCHLUMBERGER CANADA LIMITED, US
[85] 2018-02-20
[86] 2016-08-29 (PCT/US2016/049173)
[87] (WO2017/040361)
[30] US (62/212,804) 2015-09-01

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[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01) A41B 9/14 (2006.01) A41C 3/12 (2006.01) A41C 5/00 (2006.01) A41F 9/00 (2006.01)**
[25] EN
[54] **UPPER AND LOWER TORSO GARMENTS HAVING AN IMPROVED BAND**
[54] **VETEMENTS DE TORSE SUPERIEURS ET INFERIEURS AYANT UNE BANDE AMELIOREE**
[72] ABBOTT, MICHAEL D., US
[72] WARREN, ROGER D., US
[72] LTTALIEN, REGINALD, US
[71] HBI BRANDED APPAREL ENTERPRISES, LLC, US
[85] 2018-02-20
[86] 2016-09-02 (PCT/US2016/050248)
[87] (WO2017/041024)
[30] US (14/845,181) 2015-09-03

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) B01F 17/52 (2006.01) C09K 8/00 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY ACCEPTABLE SURFACTANT IN AQUEOUS-BASED STIMULATION FLUIDS**
[54] **TENSIOACTIF ACCEPTABLE D'UN POINT DE VUE ENVIRONNEMENTAL DANS DES FLUIDES DE STIMULATION A BASE AQUEUSE**
[72] ABAD, CARLOS, GB
[72] FINN, NARMINA, GB
[72] DOHERTY, EMLYN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/047938)
[87] (WO2017/035040)
[30] US (62/208,067) 2015-08-21

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[13] A1
[51] **Int.Cl. C22C 38/18 (2006.01) B23K 35/32 (2006.01) C22C 38/24 (2006.01) C22C 38/36 (2006.01) C22C 38/38 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **NON-MAGNETIC, STRONG CARBIDE FORMING ALLOYS FOR POWDER MANUFACTURE**
[54] **ALLIAGES DE FORMAGE NON MAGNETIQUES A FORTE TENEUR EN CARBURE DESTINES A LA FABRICATION DE POUDRE**
[72] VECCHIO, JAMES, US
[72] CHENEY, JUSTIN LEE, US
[71] SCOPERTA, INC., US
[85] 2018-02-20
[86] 2016-09-07 (PCT/US2016/050532)
[87] (WO2017/044475)
[30] US (62/215,319) 2015-09-08

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 41/00 (2006.01) G05B 19/02 (2006.01)**
[25] EN
[54] **INTELLIGENT RCD SYSTEM**
[54] **SYSTEME A DISPOSITIF DE COMMANDE ROTATIF RCD INTELLIGENT**
[72] HARDT, JESSE ALAN, US
[72] TARIQUE, ZAURAYZE, US
[72] COUTURIER, YAWAN, US
[72] DOW, BLAINE, US
[72] BENSON, WALT, US
[72] KAMPS, CHARLES H., III, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/047939)
[87] (WO2017/035041)
[30] US (62/208,379) 2015-08-21
[30] US (62/213,451) 2015-09-02

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/454 (2006.01) A61K 31/573 (2006.01) A61K 35/00 (2006.01)**
[25] EN
[54] **BTK INHIBITOR COMBINATIONS FOR TREATING MULTIPLE MYELOMA**
[54] **COMBINAISONS D'INHIBITEURS DE BTK POUR LE TRAITEMENT DU MYELOME MULTIPLE**
[72] BILOTTI, ELIZABETH, US
[72] GRAEF, THORSTEN, US
[71] PHARMACYCLICS LLC, US
[85] 2018-02-20
[86] 2016-08-31 (PCT/US2016/049638)
[87] (WO2017/040617)
[30] US (62/212,518) 2015-08-31

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[13] A1
[51] **Int.Cl. H04W 48/02 (2009.01)**
[25] EN
[54] **SERVICE BEARER CONGESTION CONTROL METHOD AND DEVICE**
[54] **METHODE ET APPAREIL DE CONTROLE DE GESTION DE PALIER EN SERVICE**
[72] FENG, BIN, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2018-02-15
[86] 2015-09-30 (PCT/CN2015/091256)
[87] (WO2017/054183)

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[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01) G01N 1/22 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **TOOLING FRIENDLY ADAPTER FOR INSERTION PROBE ACCESS**
[54] **ADAPTATEUR POUR L'ACCES A UNE SONDE D'INSERTION NECESSITANT PEU D'OUTILS**
[72] WOLFE, NICHOLAS S., US
[71] MUSTANG SAMPLING, LLC, US
[85] 2018-02-20
[86] 2016-09-08 (PCT/US2016/050726)
[87] (WO2017/048578)
[30] US (62/218,663) 2015-09-15
[30] US (15/258,227) 2016-09-07

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/02 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **USE OF NATURAL GAS AS A SOLUBLE SERVICING GAS DURING A WELL INTERVENTION OPERATION**
[54] **UTILISATION DE GAZ NATUREL EN TANT QUE GAZ D'ENTRETIEN SOLUBLE DURANT UNE OPERATION D'INTERVENTION SUR PUITS**
[72] NEVISON, GRANT W., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-20
[86] 2016-09-08 (PCT/US2016/050700)
[87] (WO2017/058487)
[30] US (62/235,147) 2015-09-30

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR USE IN A PCR ASSAY FOR DETERMINING THE GENOTYPE AND VIRAL LOAD FOR RESPIRATORY SYNCYTIAL VIRUS**
[54] **COMPOSITIONS ET PROCEDES DESTINES A ETRE UTILISES DANS UN DOSAGE PAR PCR POUR DETERMINER LE GENOTYPE ET LA CHARGE VIRALE DU VIRUS RESPIRATOIRE SYNCYTIAL**
[72] DE LA CRUZ, JUSTIN PHILIP, US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/047962)
[87] (WO2017/035049)
[30] US (62/208,556) 2015-08-21
[30] US (62/244,320) 2015-10-21

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[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 31/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING WELD QUALITY**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER UNE QUALITE DE SOUDURE**
[72] FALDE, LELAND D., US
[72] IVKOVICH, STEPHEN P., US
[72] ROMANO, VINCENT N., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-20
[86] 2016-09-14 (PCT/US2016/051585)
[87] (WO2017/048751)
[30] US (62/218,504) 2015-09-14
[30] US (15/264,013) 2016-09-13

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[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **DEUTERATED COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DEUTERES ET LEURS UTILISATIONS**
[72] BRADY, TODD, US
[72] YOUNG, SCOTT, US
[72] KINNEY, WILLIAM A., US
[72] MACDONALD, SUSAN, US
[71] ALDEYRA THERAPEUTICS, INC., US
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/048054)
[87] (WO2017/035077)
[30] US (62/208,223) 2015-08-21

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[13] A1
[51] **Int.Cl. G06F 1/32 (2006.01)**
[25] EN
[54] **CONTROLLING VOLTAGE DEVIATIONS IN PROCESSING SYSTEMS**
[54] **COMMANDE D'ECARTS DE TENSION DANS DES SYSTEMES DE TRAITEMENT**
[72] MAHURIN, ERIC WAYNE, US
[72] PATIL, SANJAY BHAGAWAN, US
[72] SAINT-LAURENT, MARTIN PIERRE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-20
[86] 2016-09-08 (PCT/US2016/050767)
[87] (WO2017/053078)
[30] US (14/860,715) 2015-09-22

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[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) A47L 13/16 (2006.01)**
[25] EN
[54] **SCRIM SUBSTRATE MATERIAL WITH FUNCTIONAL DETECTABLE ADDITIVES FOR USE WITH NONWOVEN FABRIC AND COMPOSITE MATERIAL**
[54] **MATERIAU DE SUBSTRAT DE RENFORT TISSE COMPRENANT DES ADDITIFS DETECTABLES FONCTIONNELS ET DESTINE A ETRE UTILISE AVEC UN TISSU NON TISSE ET UN MATERIAU COMPOSITE**
[72] MERTINS, KAREN S., US
[72] MARTIN, ROBERT HARRISON, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-20
[86] 2016-09-15 (PCT/US2016/051836)
[87] (WO2017/048897)
[30] US (62/218,570) 2015-09-15
[30] US (15/257,230) 2016-09-06

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[13] A1
[51] **Int.Cl. A61K 31/136 (2006.01) A61K 31/517 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **ALDEHYDE CONJUGATES AND USES THEREOF**
[54] **CONJUGUES D'ALDEHYDE ET LEURS UTILISATIONS**
[72] BRADY, TODD, US
[72] YOUNG, SCOTT, US
[72] KINNEY, WILLIAM A., US
[71] ALDEYRA THERAPEUTICS, INC., US
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/048064)
[87] (WO2017/035082)
[30] US (62/208,278) 2015-08-21
[30] US (62/315,455) 2016-03-30
[30] US (62/347,464) 2016-06-08

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[13] A1
[51] **Int.Cl. C05G 3/00 (2006.01) C01B 25/30 (2006.01) C05B 15/00 (2006.01) C05B 17/00 (2006.01) C05B 17/02 (2006.01) C05C 9/00 (2006.01) C05D 9/00 (2006.01)**
[25] EN
[54] **FERTILIZER FOR SALT-SENSITIVE CROPS**
[54] **FERTILISANT POUR LES CULTURES SENSIBLES AU SEL**
[72] BAME, GREGORY A., US
[72] ROACH, TOMMY, US
[71] NACHURS ALPINE SOLUTIONS, CORP., US
[85] 2018-02-20
[86] 2016-09-08 (PCT/US2016/050802)
[87] (WO2017/044644)
[30] US (62/215,541) 2015-09-08
[30] US (PCT/US2016/050121) 2016-09-02

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[13] A1
[51] **Int.Cl. C08G 79/02 (2016.01)**
[25] EN
[54] **PAPERMAKING ADDITIVE COMPOSITIONS AND METHODS AND USES THEREOF**
[54] **COMPOSITIONS D'ADDITIFS DESTINEES A LA FABRICATION DU PAPIER ET PROCEDES ET UTILISATIONS ASSOCIES**
[72] DALE, PARKER, US
[72] DALE, PARKER DAVID, US
[71] NEOZYME INTERNATIONAL, INC., US
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/048093)
[87] (WO2017/035100)
[30] US (62/208,662) 2015-08-22

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[13] A1
[51] **Int.Cl. C01B 3/02 (2006.01) C01B 3/38 (2006.01) C01B 3/44 (2006.01) C10G 11/18 (2006.01)**
[25] EN
[54] **AN INTEGRATED PROCESS PLANT HAVING A BIOMASS REFORMING REACTOR USING A FLUIDIZED BED**
[54] **INSTALLATION DE TRAITEMENT INTEGRE COMPORTANT UN REACTEUR DE REFORMAGE DE BIOMASSE UTILISANT UN LIT FLUIDISE**
[72] JACK, DOUGLAS S., US
[72] KELFKENS, RENUS C., US
[72] SIMMONS, WAYNE W., US
[72] ARGO, ANDREW, US
[72] BROERMAN, ANDREW W., US
[71] SUNDROP FUELS, INC., US
[85] 2018-02-20
[86] 2016-09-09 (PCT/US2016/050950)
[87] (WO2017/044748)
[30] US (62/216,303) 2015-09-09
[30] US (15/260,198) 2016-09-08

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[13] A1
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/11 (2014.01) H04N 19/154 (2014.01) H04N 19/176 (2014.01) H04N 19/467 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **VARIABLE PARTITION SIZE FOR BLOCK PREDICTION MODE FOR DISPLAY STREAM COMPRESSION (DSC)**
[54] **TAILLE DE PARTITION VARIABLE POUR UN MODE DE PREDICTION DE BLOC POUR UNE COMPRESSION DE FLUX D'AFFICHAGE (DSC)**
[72] JACOBSON, NATAN HAIM, US
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JOSHI, RAJAN LAXMAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-20
[86] 2016-09-15 (PCT/US2016/051987)
[87] (WO2017/048991)
[30] US (62/220,699) 2015-09-18
[30] US (62/244,690) 2015-10-21
[30] US (15/265,743) 2016-09-14

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[13] A1
[51] **Int.Cl. G01N 33/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MARKERS FOR CORONARY ARTERY DISEASE AND USES THEREOF**
[54] **MARQUEURS D'UNE MALADIE CORONARIENNE ET UTILISATIONS DE CES MARQUEURS**
[72] JOHNSON, ANDREA M., US
[72] BEINEKE, PHILIP, US
[72] WINGROVE, JAMES A., US
[72] FITCH, KAREN, US
[72] ROSENBERG, STEVEN, US
[71] CARDIODX, INC., US
[85] 2018-02-20
[86] 2016-08-31 (PCT/US2016/049717)
[87] (WO2017/040676)
[30] US (62/212,935) 2015-09-01

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[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 63/02 (2006.01) C07K 14/395 (2006.01) C11D 1/66 (2006.01) C12N 1/18 (2006.01)**
[25] EN
[54] **NON-TOXIC PLANT AGENT COMPOSITIONS AND METHODS AND USES THEREOF**
[54] **COMPOSITIONS D'AGENTS DE PLANTES NON TOXIQUES ET LEURS PROCEDES ET UTILISATIONS**
[72] DALE, PARKER, US
[72] DALE, PARKER DAVID, US
[71] NEOZYME INTERNATIONAL, INC., US
[85] 2018-02-20
[86] 2016-08-22 (PCT/US2016/048094)
[87] (WO2017/035101)
[30] US (62/208,662) 2015-08-22

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[13] A1
[51] **Int.Cl. H04W 56/00 (2009.01) H04W 48/00 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **NEIGHBOR AWARE NETWORK CLUSTER CHANGE FOR NEIGHBOR AWARE NETWORK DATA LINK**
[54] **CHANGEMENT DE GROUPE DE RESEAU SENSIBLE AU VOISINAGE POUR UNE LIAISON DE DONNEES DE RESEAU SENSIBLE AU VOISINAGE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] RAISSINIA, ALIREZA, US
[72] PATIL, ABHISHEK PRAMOD, US
[72] CHERIAN, GEORGE, US
[72] SANDHU, SHIVRAJ SINGH, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-20
[86] 2016-09-16 (PCT/US2016/052234)
[87] (WO2017/053201)
[30] US (62/221,597) 2015-09-21
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[25] EN
[54] **SYSTEMS FOR AND METHOD OF MONITORING A PULSED WELDING OPERATION BASED ON WELD SIGNATURES ANALYSIS USING PULSE FORENSIC FEATURES**
[54] **SYSTEMES ET PROCEDE DE SURVEILLANCE D'UNE OPERATION DE SOUDAGE PULSE SUR LA BASE DE L'ANALYSE DES SIGNATURES DE SOUDAGE A L'AIDE DE CARACTERISTIQUES LEGALES D'IMPULSION**
[72] IVKOVICH, STEPHEN P., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-20
[86] 2016-09-14 (PCT/US2016/051579)
[87] (WO2017/048747)
[30] US (62/218,192) 2015-09-14
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[54] **WIRELESS PATIENT MONITORING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE PATIENT SANS FIL**
[72] AL-ALI, AMMAR, US
[72] RATHS, CORNELIUS, US
[71] MASIMO CORPORATION, US
[85] 2018-02-20
[86] 2016-08-31 (PCT/US2016/049751)
[87] (WO2017/040700)
[30] US (62/212,467) 2015-08-31
[30] US (62/212,472) 2015-08-31
[30] US (62/212,484) 2015-08-31
[30] US (62/212,480) 2015-08-31

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[25] EN
[54] **DOSE DIVIDER SYRINGE**
[54] **SERINGUE A SEPARATEUR DE DOSE**
[72] TRAN, HUY, US
[72] CROLL, PERRY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2018-02-20
[86] 2016-08-23 (PCT/US2016/048123)
[87] (WO2017/035112)
[30] US (62/209,011) 2015-08-24

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[51] **Int.Cl. C22C 38/58 (2006.01) C22C 38/02 (2006.01) C22C 38/20 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01) C22C 38/30 (2006.01) C22C 38/32 (2006.01) C22C 38/34 (2006.01) C22C 38/38 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/48 (2006.01)**
[25] EN
[54] **CORROSION AND CRACKING RESISTANT HIGH MANGANESE AUSTENITIC STEELS CONTAINING PASSIVATING ELEMENTS**
[54] **ACIERS AUSTENITIQUES A HAUTE TENEUR EN MANGANESE, RESISTANT A LA CORROSION ET A LA CRAQUELURE ET CONTENANT DES ELEMENTS DE PASSIVATION**
[72] JIN, HYUNWOO, US
[72] LING, SHIUN, US
[72] MA, NING, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-02-20
[86] 2016-09-01 (PCT/US2016/049874)
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[54] **COLOR FILTER SENSORS**
[54] **CAPTEURS A FILTRES COLORES**
[72] GOMA, SERGIU RADU, US
[72] ATANASSOV, KALIN MITKOV, US
[72] SIDDIQUI, HASIB AHMED, US
[72] HSEIH, BIAY-CHENG, US
[72] GEORGIEV, TODOR GEORGIEV, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-20
[86] 2016-08-23 (PCT/US2016/048190)
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[30] US (14/861,678) 2015-09-22

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[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PATIENT-SPECIFIC IMAGING AND MODELING OF DRUG DELIVERY**
[54] **SYSTEMES ET PROCEDES POUR UNE IMAGERIE SPECIFIQUE A UN PATIENT ET UNE MODELISATION D'ADMINISTRATION DE MEDICAMENT**
[72] CHOI, GILWOO, US
[72] GRADY, LEO, US
[72] TAYLOR, CHARLES A., US
[72] HUNLEY, STANLEY C., US
[71] HEARTFLOW, INC., US
[85] 2018-02-20
[86] 2016-09-16 (PCT/US2016/052301)
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[30] US (62/219,490) 2015-09-16

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[51] **Int.Cl. C09D 5/00 (2006.01) C09D 5/08 (2006.01)**
[25] EN
[54] **CORROSION INHIBITORS AND COATING COMPOSITIONS CONTAINING THE SAME**
[54] **INHIBITEURS DE CORROSION ET COMPOSITIONS DE REVETEMENT LES CONTENANT**
[72] BREON, JONATHAN P., US
[72] MAKSIMOVIC, LJILJANA, US
[72] JENNINGS, ROBERT E., US
[72] BURCHICK, JOSEPH, US
[72] SCHNEIDER, JOHN R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-02-20
[86] 2016-09-02 (PCT/US2016/050079)
[87] (WO2017/040909)
[30] US (14/844,023) 2015-09-03

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[51] **Int.Cl. C05G 3/00 (2006.01) C01B 25/30 (2006.01) C05B 15/00 (2006.01) C05B 17/00 (2006.01) C05B 17/02 (2006.01) C05C 9/00 (2006.01) C05D 9/00 (2006.01)**
[25] EN
[54] **FERTILIZER WITH ORGANIC POTASSIUM SALTS**
[54] **FERTILISANT CONTENANT DES SELS DE POTASSIUM ORGANIQUE**
[72] ROACH, TOMMY, US
[72] BAME, GREGORY A., US
[71] NACHURS ALPINE SOLUTIONS, CORP., US
[85] 2018-02-20
[86] 2016-09-02 (PCT/US2016/050121)
[87] (WO2017/040938)
[30] US (62/213,742) 2015-09-03

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR FIBROBLAST GROWTH FACTOR RECEPTOR 4 (FGFR4) AND METHODS OF THEIR USE**
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES DU RECEPTEUR DE FACTEUR DE CROISSANCE DES FIBROBLASTES 4 (FGFR4) ET LEURS PROCEDES D'UTILISATION**
[72] KHAN, JAVED, US
[72] BASKAR, SIVASUBRAMANIAN, US
[72] ORENTAS, RIMAS J., US
[72] DIMITROV, DIMITER S., US
[72] ZHU, ZHONGYU, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-02-20
[86] 2016-09-19 (PCT/US2016/052496)
[87] (WO2017/049296)
[30] US (62/221,045) 2015-09-20

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/20 (2012.01) G06Q 20/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A SELF-CALCULATING TOKEN VAULT**
[54] **SYSTEME ET PROCEDE D'AUTO-CALCUL DE CHAMBRE FORTE DE JETONS**
[72] REISGIES, HANS, US
[72] MILOV, PETER, US
[71] SEQUENT SOFTWARE, INC., US
[85] 2018-02-20
[86] 2016-08-24 (PCT/US2016/048463)
[87] (WO2017/035265)
[30] US (62/209,043) 2015-08-24

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[51] **Int.Cl. B65D 43/02 (2006.01) B65D 41/04 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **CLOSURE SYSTEM FOR CONTAINER**
[54] **SYSTEME DE FERMETURE POUR RECIPIENT**
[72] GRAYBILL, MYLES, US
[72] JARMAN, JONATHAN P., US
[71] AMCOR GROUP GMBH, CH
[85] 2018-02-20
[86] 2016-09-21 (PCT/US2016/052873)
[87] (WO2017/053419)
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[25] EN
[54] **VENOUS VALVE PROSTHESIS**
[54] **PROTHESE DE VALVULE VEINEUSE**
[72] CHIN, ALBERT K., US
[72] WALKER, AUSTIN, US
[72] KRAMER, THOMAS A., US
[71] INNOVEIN, INC., US
[85] 2018-02-20
[86] 2016-08-25 (PCT/US2016/048729)
[87] (WO2017/035372)
[30] US (62/209,351) 2015-08-25
[30] US (62/356,337) 2016-06-29

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[51] **Int.Cl. F16D 35/02 (2006.01)**
[25] EN
[54] **LIVE CENTER VISCOUS CLUTCH**
[54] **VISCO-COUPLEUR A POINTE VIVE**
[72] MILLER, SCOTT, US
[72] SAVELA, DEREK, US
[72] STEVENS, MICHAEL, US
[71] HORTON, INC., US
[85] 2018-02-20
[86] 2016-10-04 (PCT/US2016/055258)
[87] (WO2017/062328)
[30] US (62/237,286) 2015-10-05

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[51] **Int.Cl. G10K 15/04 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **MACHINE AND METHOD FOR ACOUSTIC WHITE NOISE GENERATION**
[54] **MACHINE ET PROCEDE POUR PRODUCTION DE BRUIT BLANC ACOUSTIQUE**
[72] LAZAR, ELI, US
[72] SNYDER, MATTHEW, US
[71] SNOOZ, LLC, US
[85] 2018-02-20
[86] 2016-08-25 (PCT/US2016/048761)
[87] (WO2017/035388)
[30] US (62/209,852) 2015-08-25
[30] US (15/246,901) 2016-08-25

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[25] EN
[54] **GUANIDINE SUBSTITUTED IMIDAZO[4,5-C] RING COMPOUNDS**
[54] **COMPOSES IMIDAZO[4,5-C] CYCLIQUES SUBSTITUES PAR GUANIDINE**
[72] GRIESGRABER, GEORGE W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-02-20
[86] 2016-08-26 (PCT/US2016/048830)
[87] (WO2017/040233)
[30] US (62/211,894) 2015-08-31

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[51] **Int.Cl. A47F 5/08 (2006.01) A47B 96/02 (2006.01) A47B 96/06 (2006.01) A47G 1/20 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **WALL MOUNTED STORAGE SYSTEM AND RELATED COMPONENTS AND METHODS**
[54] **SYSTEME DE STOCKAGE MURAL ET COMPOSANTS ET PROCEDES ASSOCIES**
[72] WILL, GARY E., US
[72] GRICE, BYRON K., US
[72] SCHMIDT, MICHAEL J., US
[71] THE HILLMAN GROUP, INC., US
[85] 2018-02-20
[86] 2016-10-19 (PCT/US2016/057651)
[87] (WO2017/070175)
[30] US (62/245,445) 2015-10-23

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[51] **Int.Cl. G06F 19/00 (2018.01) A61M 1/14 (2006.01)**
[25] EN
[54] **VOICE INTERFACE FOR A DIALYSIS MACHINE**
[54] **INTERFACE VOCALE POUR UNE MACHINE DE DIALYSE**
[72] TANENBAUM, LEE DANIEL, US
[72] WANG, FEI, US
[72] GUMINA, MARIO, US
[72] MERICS, THOMAS, US
[72] HOFFSTETTER, ERIC, US
[72] DOYLE, MATTHEW, US
[72] MOK, ALEO NOBEL, US
[72] RAIFORD, WAYNE, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-02-20
[86] 2016-08-26 (PCT/US2016/048877)
[87] (WO2017/044327)
[30] US (14/847,210) 2015-09-08

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[51] **Int.Cl. H02S 50/10 (2014.01) G01W 1/10 (2006.01) G06F 15/18 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SOLAR POWER FORECASTING**
[54] **PROCEDE ET SYSTEME DE PREVISION D'ENERGIE HELIO-ELECTRIQUE**
[72] PAVLOVSKI, ALEXANDER, CA
[72] ANICHKOV, DMITRIY, US
[72] KOSTYLEV, VLADIMIR, CA
[71] GREEN POWER LABS INC., CA
[85] 2018-02-21
[86] 2016-08-29 (PCT/CA2016/000218)
[87] (WO2017/035629)
[30] US (62/211,924) 2015-08-31

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[51] **Int.Cl. C23C 30/00 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **TURBINE ENGINE PART COVERED WITH A PROTECTIVE CERAMIC COATING, METHOD FOR MANUFACTURING AND FOR USING SUCH A PART**
[54] **PIECE DE TURBOMACHINE REVETUE D'UN REVETEMENT CERAMIQUE DE PROTECTION, PROCEDE DE FABRICATION ET D'UTILISATION D'UNE TELLE PIECE**
[72] PODGORSKI, MICHAEL, FR
[72] BERTHOD, PATRICE, FR
[72] MATHIEU, STEPHANE, FR
[72] PORTEBOIS, LEO, FR
[72] VILASI, MICHEL, FR
[71] SAFRAN, FR
[85] 2018-02-21
[86] 2016-10-04 (PCT/FR2016/052537)
[87] (WO2017/060603)
[30] FR (1559532) 2015-10-07

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[51] **Int.Cl. B62B 1/18 (2006.01) B62B 1/26 (2006.01)**
[25] EN
[54] **A WHEELBARROW**
[54] **BROUETTE**
[72] PAINO, MICHAEL, AU
[72] DAVIES, PAUL EDWARD, AU
[71] MSP INNOVATIONS PTY LTD, AU
[85] 2018-02-21
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[87] (WO2017/031538)
[30] AU (2015903434) 2015-08-25

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[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE DISTANCE TO AN ACOUSTICALLY REFLECTIVE OBJECT IN A CONDUIT**
[54] **PROCEDE ET SYSTEME POUR DETERMINER LA DISTANCE A UN OBJET REFLECHISSANT DE MANIERE ACOUSTIQUE DANS UN CONDUIT**
[72] JALILIAN, SEYED EHSAN, CA
[72] DANKERS, ARNE, CA
[71] HIFI ENGINEERING INC., CA
[85] 2018-02-21
[86] 2016-08-22 (PCT/CA2016/050983)
[87] (WO2017/031578)
[30] US (62/209,209) 2015-08-24

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[51] **Int.Cl. E01D 19/14 (2006.01) E04C 5/12 (2006.01)**
[25] EN
[54] **CABLE ANCHORAGE SYSTEM**
[54] **SYSTEME D'ANCRAGE DE CABLE**
[72] ANNAN, RACHID, CH
[72] MICHEL, LUDOVIC LOUIS, CH
[71] VSL INTERNATIONAL AG, CH
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[51] **Int.Cl. A63B 53/14 (2015.01)**
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[54] **A GRIP FOR A GOLF CLUB**
[54] **POIGNEE POUR UN CLUB DE GOLF**
[72] MASON, VAUGHAN, CN
[71] BJM PUTTER GRIPS LIMITED, CN
[85] 2018-02-21
[86] 2016-07-13 (PCT/CN2016/089907)
[87] (WO2017/049993)
[30] US (62/221,179) 2015-09-21

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[51] **Int.Cl. A61C 1/18 (2006.01) A61C 1/05 (2006.01) F16C 19/06 (2006.01) F16C 19/16 (2006.01) F16C 33/58 (2006.01)**
[25] EN
[54] **BALL BEARING STRUCTURE WITH TILT COMPENSATION**
[54] **MODELE DE ROULEMENT MUNI D'UNE COMPENSATION DE ROTATION**
[72] NIEDERMEIER, HERBERT, DE
[71] GEBRUDER REINFURT GMBH & CO. KG, DE
[85] 2018-02-21
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[87] (WO2017/050426)
[30] DE (10 2015 012 332.7) 2015-09-22

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[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01) A61M 5/20 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **A MEDICAL INJECTION DEVICE WITH A CLEANING CHAMBER**
[54] **DISPOSITIF D'INJECTION MEDICAL A CHAMBRE DE NETTOYAGE**
[72] HARALDSTED, MIE, DK
[72] FREDERIKSEN, MORTEN REVSGAARD, DK
[72] MELANDER, MATIAS, DK
[72] NIELSEN, CHRISTIAN HOJRIS, DK
[72] HINDE, GRAHAM, NL
[72] KAMP, BAS, NL
[72] HAKKIM, ROSHAN, NL
[71] NOVO NORDISK A/S, DK
[85] 2018-02-21
[86] 2016-08-10 (PCT/EP2016/069004)
[87] (WO2017/032599)
[30] EP (15182290.5) 2015-08-25

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[51] **Int.Cl. A61L 15/40 (2006.01) A61K 35/00 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND PRODUCTS COMPRISING SENESCENT CELLS FOR USE IN TISSUE REGENERATION**
[54] **COMPOSITIONS ET PRODUITS COMPRENANT DES CELLULES SENESCENTES POUR UNE UTILISATION DANS LA REGENERATION TISSULAIRE**
[72] FUNK, MARTIN, DE
[71] QRSKIN GMBH, DE
[85] 2018-02-21
[86] 2016-08-11 (PCT/EP2016/069189)
[87] (WO2017/032614)
[30] EP (15182070.1) 2015-08-21

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[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **TONG DOOR SECURING DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE DE PORTE POUR CLES DE VISSAGE A COMMANDE HYDROPNEUMATIQUE**
[72] STUART, RANDOLPH LEWIS, US
[72] WEDDLE, DWAYNE AUSTIN, US
[71] ECKEL MANUFACTURING CO., INC., US
[85] 2018-02-20
[86] 2016-09-02 (PCT/US2016/050182)
[87] (WO2017/040985)
[30] US (62/214,529) 2015-09-04

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[51] **Int.Cl. G01N 30/06 (2006.01) G01N 1/40 (2006.01) G01N 30/30 (2006.01) G01N 30/32 (2006.01)**
[25] EN
[54] **POST-PROBE UPSTREAM METERING PUMP FOR INSURING NGL PHASE CHANGE COMPLETION IN SAMPLE CONDITIONING**
[54] **POMPE DOSEUSE EN AMONT POST-SONDE POUR GARANTIR L'EXECUTION D'UN CHANGEMENT DE PHASE LIQUIDE DE GNL DANS LE CONDITIONNEMENT D'ECHANTILLON**
[72] CURTIS, MICAH A., US
[71] MUSTANG SAMPLING, LLC, US
[85] 2018-02-20
[86] 2016-09-02 (PCT/US2016/050190)
[87] (WO2017/048539)
[30] US (62/220,550) 2015-09-18
[30] US (15/252,628) 2016-08-31

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[51] **Int.Cl. A61B 5/021 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **DEVICE AND SYSTEM FOR MONITORING OF PULSE-RELATED INFORMATION OF A SUBJECT**
[54] **DISPOSITIF ET SYSTEME DE SURVEILLANCE D'INFORMATIONS SE RAPPORTANT A UN POULS D'UN SUJET**
[72] KIRENKO, IHOR OLEHOVYCH, NL
[72] AARTS, RONALDUS MARIA, NL
[72] SHAN, CAIFENG, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-02-21
[86] 2016-08-24 (PCT/EP2016/069967)
[87] (WO2017/032793)
[30] EP (15182289.7) 2015-08-25

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[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/076 (2010.01)**
[25] EN
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[54] **MILIEU DE CULTURE**
[72] TRUONG, THI, AU
[72] GARDNER, DAVID, AU
[71] VITROLIFE SWEDEN AB, SE
[85] 2018-02-21
[86] 2016-08-24 (PCT/EP2016/070005)
[87] (WO2017/032811)
[30] GB (1515015.4) 2015-08-24
[30] GB (1603407.6) 2016-02-26
[30] GB (1607414.8) 2016-04-28

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[51] **Int.Cl. A61G 5/10 (2006.01) A61G 7/05 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **STATUS LIGHT ASSEMBLY FOR PATIENT HANDLING EQUIPMENT**
[54] **ENSEMBLE LUMIERE D'ETAT POUR EQUIPEMENT DE MANIPULATION DE PATIENT**
[72] JONSSON, JORGEN, SE
[72] ALIM, MUSADJAN, SE
[72] SMITH, DANNY, SE
[71] ARJOHUNTLEIGH AB, SE
[85] 2018-02-21
[86] 2016-08-25 (PCT/EP2016/070126)
[87] (WO2017/032851)
[30] EP (15182287.1) 2015-08-25

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[51] **Int.Cl. G01D 5/353 (2006.01) G01B 11/16 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **LIGHT GUIDE CLAMPING DEVICE, FIBER OPTIC SENSOR AND PRODUCTION METHOD**
[54] **DISPOSITIF DE SERRAGE D'UN GUIDE D'ONDES LUMINEUSES, CAPTEUR A FIBRE OPTIQUE ET PROCEDE DE FABRICATION**
[72] MULLER, MATHIAS, DE
[72] ZELENKA, FABIAN, DE
[71] FOS4X GMBH, DE
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[54] **DICARBOXAMIDE DE PYRIDINONE UTILISE COMME INHIBITEUR DE BROMODOMAINE**
[72] ATKINSON, STEPHEN JOHN, GB
[72] AYLOTT, HELEN ELIZABETH, GB
[72] COOPER, ANTHONY WILLIAM JAMES, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] HAYHOW, THOMAS GEORGE CHRISTOPHER, GB
[72] LINDON, MATTHEW J., GB
[72] PRESTON, ALEXANDER G., GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J., GB
[72] WOOLVEN, JAMES MICHAEL, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] **METHOD AND PLANT FOR CO2 CAPTURE**
[54] **PROCEDE ET INSTALLATION DE CAPTURE DE CO2**
[72] HAMRIN, STELLAN, SE
[71] CAPSOL-EOP AS, NO
[85] 2018-02-21
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[54] **FEED MIXER**
[54] **MELANGEUR D'ALIMENTATION**
[72] LIET, CORNELIS HENDRICUS, NL
[71] TRIOLIET B.V., DE
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[54] **SENSOR PATCH AND METHOD FOR PRODUCING A SENSOR PATCH**
[54] **PATCH DE DETECTION ET PROCEDE DE FABRICATION D'UN PATCH DE DETECTION**
[72] MULLER, MATHIAS, DE
[72] ZELENKA, FABIAN, DE
[71] FOS4X GMBH, DE
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[54] **GUIDEWAY MOUNTED VEHICLE LOCALIZATION SYSTEM**
[54] **SYSTEME DE LOCALISATION DE VEHICULE MONTE SUR VOIE DE GUIDAGE**
[72] GREEN, ALON, CA
[72] KINIO, WALTER, CA
[72] IGNATIUS, RODNEY, CA
[72] WHITWAM, FIRTH, CA
[71] THALES CANADA INC., CA
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF PARKINSON'S DISEASE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] KANDULA, MAHESH, IN
[71] CELLIX BIO PRIVATE LIMITED, IN
[85] 2018-02-21
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[54] **METHOD AND MOBILE CUTTING TOOL FOR CUTTING A SUBSEA TUBULAR STRUCTURE**
[54] **PROCEDE ET OUTIL DE COUPE MOBILE POUR DECOUPER UNE STRUCTURE TUBULAIRE SOUS-MARINE**
[72] BIRKELAND, PETTER, NO
[71] SMART INSTALLATIONS AS, NO
[85] 2018-02-21
[86] 2016-12-06 (PCT/NO2016/050254)
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[25] EN
[54] **SIMULATING FRACTURED RESERVOIRS USING MULTIPLE MESHES**
[54] **SIMULATION DE RESERVOIRS FRACTURES EN UTILISANT DE MULTIPLES MAILLES**
[72] BREWER, MICHAEL L., US
[72] WARD, STEVEN B., US
[72] CAMILLERI, DOMINIC, US
[72] BIVINS, GERRICK O., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **AUTO-SHUT-IN CHEMICAL INJECTION VALVE**
[54] **SOUPAPE D'INJECTION DE PRODUITS CHIMIQUES A FERMETURE AUTOMATIQUE**
[72] MINASSA, LORENZZO BREDA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-21
[86] 2015-10-12 (PCT/US2015/055058)
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[25] EN
[54] **DEVICES AND METHODS FOR CONTROLLING HEADSPACE HUMIDITY AND OXYGEN LEVELS**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE REGULER LES NIVEAUX D'OXYGENE ET D'HUMIDITE DANS L'ESPACE DE TETE**
[72] EGBERG, DAVID C., US
[72] ESSE, ROBERT L., US
[71] BOVEDA, INC., US
[85] 2018-02-21
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[54] **DOOR WITH SUPPLEMENTARY HINGE-SIDE ENGAGEMENT**
[54] **PORTE AVEC CONTACT SUPPLEMENTAIRE COTE CHARNIERE**
[72] RAZ, AMIR, IL
[71] DAN RAZ LTD., IL
[85] 2018-02-21
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[25] EN
[54] **TERMINAL BLOCK OF ROTATING ELECTRIC MACHINE**
[54] **BORNIER DE MACHINE ELECTRIQUE TOURNANTE**
[72] MATSUZAKI, HIROKAZU, JP
[72] KIMURA, MASAHIDE, JP
[72] TANNO, TOSHIAKI, JP
[72] NAKAHARA, HIROSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **RECEIVING APPARATUS, TRANSMITTING APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2018-02-21
[86] 2016-08-03 (PCT/JP2016/072748)
[87] (WO2017/038353)
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[25] EN
[54] **RECEIVING APPARATUS, TRANSMITTING APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] KITAHARA, JUN, JP
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[72] YAMANE, TAKETOSHI, JP
[71] SONY CORPORATION, JP
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[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE FABRICATION D'UNE POUDRE DE NICKEL**
[72] OZAKI, YOSHITOMO, JP
[72] HEGURI, SHIN-ICHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2018-02-21
[86] 2016-08-24 (PCT/JP2016/074694)
[87] (WO2017/038589)
[30] JP (2015-170115) 2015-08-31
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[25] EN
[54] **[4-(1,3,3-TRIMETHYL-2-OXO-3,4-DIHYDRO-1H-QUINOXALIN-7-YL)-PHENOXY]ETHYLOXY COMPOUND OR SALT THEREOF**
[54] **COMPOSE [4-(1,3,3-TRIMETHYL-2-OXO-3,4-DIHYDRO-1H-QUINOXALIN-7-YL)PHENOXY]ETHYLOXY OU SON SEL**
[72] KAWASHIMA, KENJI, JP
[72] YAMAZAKI, YUSUKE, JP
[72] TAKAOKA, SHINJI, JP
[72] SHII, DAISUKE, JP
[72] ODA, TOMOKO, JP
[72] MATSUYAMA, TAKAHIRO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-21
[86] 2016-08-25 (PCT/JP2016/074863)
[87] (WO2017/034006)
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[51] **Int.Cl. H04N 19/31 (2014.01) H04N 19/70 (2014.01) H04N 19/85 (2014.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2018-02-21
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[54] **ANTISENSE NUCLEIC ACID**
[54] **ACIDE NUCLEIQUE ANTISENS**
[72] ENYA, YUKIKO, JP
[72] TONE, YUICHIRO, JP
[72] TAKEDA, SHIN'ICHI, JP
[72] AOKI, YOSHITSUGU, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[71] NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY, JP
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[54] **OPIOID RECEPTOR MODULATORS AND USE THEREOF**
[54] **MODULATEURS DES RECEPTEURS OPIOIDES ET LEUR UTILISATION**
[72] UENG, SHU-HUA, TW
[72] YEH, SHIU-HWA, TW
[72] LOH, HORACE, US
[72] CHAO, YU-SHENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2018-02-21
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[51] **Int.Cl. H04B 1/10 (2006.01)**
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[54] **APPARATUS AND METHOD FOR SELECTIVE SIGNAL CANCELLATION**
[54] **APPAREIL ET PROCEDE D'ANNULATION SELECTIVE DE SIGNAL**
[72] ROBINSON, IAN S., US
[72] KILFOYLE, DANIEL B., US
[72] BALLANCE, WILLIAM P., US
[71] RAYTHEON COMPANY, US
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[51] **Int.Cl. A63B 21/00 (2006.01)**
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[54] **MUSCLE THERAPY DEVICE**
[54] **DISPOSITIF DE THERAPIE MUSCULAIRE**
[72] KELLY, RAY, US
[71] MODERN HYGIENE LLC, US
[85] 2018-02-21
[86] 2016-07-23 (PCT/US2016/043775)
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[51] **Int.Cl. B64D 27/18 (2006.01) B64D 29/02 (2006.01) F02K 1/36 (2006.01)**
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[54] **FLUIDIC PROPULSIVE SYSTEM**
[54] **SYSTEME DE PROPULSION FLUIDIQUE**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
[85] 2018-02-21
[86] 2016-07-27 (PCT/US2016/044327)
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[25] EN
[54] **EJECTOR AND AIRFOIL CONFIGURATIONS**
[54] **CONFIGURATIONS D'EJECTEUR ET DE PROFIL AREODYNAMIQUE**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
[85] 2018-02-21
[86] 2016-07-27 (PCT/US2016/044326)
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[25] EN
[54] **SHROUD COLLAR FOR EDGE PROTECTION OF A WORK TOOL**
[54] **COLLIER D'ENVELOPPE POUR LA PROTECTION DE BORD D'OUTIL DE TRAVAIL**
[72] KUNZ, PHILLIP J., US
[71] CATERPILLAR INC., US
[85] 2018-02-21
[86] 2016-07-28 (PCT/US2016/044351)
[87] (WO2017/034747)
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[54] **BREAST TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DU SEIN**
[72] BARERE, AARON M., US
[72] PARK, SANGWORK, US
[72] FRIEDMAN, EVAN J., US
[72] WANG, KAI-ROY, US
[71] LIFECELL CORPORATION, US
[85] 2018-02-21
[86] 2016-08-19 (PCT/US2016/047713)
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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **FIBER OPTIC CONNECTOR SUB-ASSEMBLIES AND RELATED METHODS**
[54] **SOUS-ENSEMBLES DE CONNECTEUR DE FIBRES OPTIQUES ET PROCEDES ASSOCIES**
[72] BACA, ADRA SMITH, US
[72] BURT, REBECCA LYNN, US
[72] DANLEY, JEFFREY DEAN, US
[72] MILLER, DARRIN MAX, US
[72] MORRISON, DENNIS CRAIG, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-02-21
[86] 2016-08-05 (PCT/US2016/045783)
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[54] **DISINFECTING CAP**
[54] **CAPUCHON DE DESINFECTION**
[72] BEDOE, SCOTT, US
[72] BURGESS, JAMES, US
[72] SKUPIEN, BRENT, US
[72] DALTON, CHRISTOPHER, US
[72] BERKOWITZ, PERE, US
[72] NOSKOWICZ, DAVID, US
[71] MEDLINE INDUSTRIES, INC., US
[85] 2018-02-21
[86] 2016-08-19 (PCT/US2016/047863)
[87] (WO2017/035014)
[30] US (62/208,364) 2015-08-21
[30] US (62/208,243) 2015-08-21
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[25] EN
[54] **FLOCCULATION OF HIGH-SOLIDS MINERAL SLURRIES**
[54] **FLOCULATION DE BOUES MINERALES A HAUTE TENEUR EN MATIERES SOLIDES**
[72] MOHLER, CAROL E., US
[72] DOWNING, DOMONIQUE, US
[72] GILLIS, PAUL A., US
[72] HUGHES, STEPHANIE L., US
[72] MOORE, JASON S., US
[72] POINDEXTER, MICHAEL K., US
[72] SANDERS, THOMAS L., US
[72] SINGH, HARPREET, US
[72] WITHAM, COLE A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-02-21
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[30] US (62/209,375) 2015-08-25

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[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC HIGH RESISTANCE GROUND PULSE ACTIVATION AND DETECTION**
[54] **SYSTEME ET PROCEDE POUR L'ACTIVATION ET LA DETECTION AUTOMATIQUES D'IMPULSIONS DE TERRE A HAUTE RESISTANCE**
[72] LOUCKS, DAVID GLENN, US
[72] WOLFE, ROBERT THOMAS, US
[72] DIMINO, STEVEN ANDREW, US
[72] HRNCIR, DANIEL EDWARD, US
[72] MORT, DEBORAH KALTWASSER, US
[72] BURKLE, ALEC DANE, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-02-21
[86] 2016-08-22 (PCT/US2016/047985)
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[25] EN
[54] **METHODS AND SYSTEMS FOR MEASURING GROWTH RATE IN PLANT OR AQUATIC ANIMAL SPECIES**
[54] **PROCEDES ET SYSTEMES DE MESURE DE LA VITESSE DE CROISSANCE CHEZ DES ESPECES DE PLANTES OU D'ANIMAUX AQUATIQUES**
[72] RENQUIST, BENJAMIN J., US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2018-02-21
[86] 2016-08-22 (PCT/US2016/048006)
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[51] **Int.Cl. E21B 43/1185 (2006.01) F42B 1/02 (2006.01) F42B 3/08 (2006.01) F42C 19/09 (2006.01)**
[25] EN
[54] **EFP DETONATING CORD**
[54] **CORDEAU DETONANT DE PROJECTILE FORME PAR EXPLOSION**
[72] GEERTS, SHAUN M., US
[72] CLAY, MATTHEW C., US
[71] OWEN OIL TOOLS LP, US
[85] 2018-02-21
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[54] **NOUVELLES PROTEINES INSECTICIDES**
[72] BOWEN, DAVID J., US
[72] CHAY, CATHERINE A., US
[72] CICHE, TODD A., US
[72] KESANAPALLI, UMA R., US
[72] LUTKE, JENNIFER L., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-02-21
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[25] EN
[54] **SYSTEM AND METHOD FOR BIOMETRIC PROTOCOL STANDARDS**
[54] **SYSTEME ET PROCEDE POUR STANDARDS DE PROTOCOLES BIOMETRIQUES**
[72] STREIT, SCOTT, US
[72] MATHER, JONATHAN FRANCIS, GB
[72] OTHMAN, ASEM, US
[72] DUMITRAN, IONUT, RO
[72] WOOD, THOMAS, GB
[71] VERIDIUM IP LIMITED, GB
[85] 2018-02-21
[86] 2016-08-22 (PCT/US2016/048068)
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[30] US (62/208,328) 2015-08-21
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[54] **COVER SYSTEM FOR OPEN-TOPPED CONTAINERS**
[54] **SYSTEME DE COUVERCLE POUR CONTENEURS A TOIT OUVERT**
[72] SEARFOSS, TIMOTHY K., US
[71] AERO INDUSTRIES, INC., US
[85] 2018-02-21
[86] 2016-08-31 (PCT/US2016/049642)
[87] (WO2017/040619)
[30] US (62/213,052) 2015-09-01
[30] US (62/386,294) 2015-11-25
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[54] **FLUID CONDUIT FITTING ASSEMBLY**
[54] **ENSEMBLE DE RACCORDEMENT DE CONDUITE DE FLUIDE**
[72] VOGEL, TODD JEROME, US
[72] ELLERBROCK, RYAN THOMAS, US
[72] SCHROEDER, RYAN JOSEPH, US
[72] KUENSTEL, CHRISTIAN, DE
[72] THEBERATH, BJOERN, DE
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-02-21
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE DETECTION OF FC RECEPTOR BINDING ACTIVITY OF ANTIBODIES**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT LA DETECTION DE L'ACTIVITE DE LIAISON AU RECEPTEUR FC D'ANTICORPS**
[72] WOODLE, E. STEVE, US
[72] GIRNITA, ALIN LUCIAN, US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2018-02-21
[86] 2016-08-24 (PCT/US2016/048307)
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[30] US (62/208,938) 2015-08-24
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[25] EN
[54] **PROCESSING VIDEO USAGE INFORMATION FOR THE DELIVERY OF ADVERTISING**
[54] **TRAITEMENT D'INFORMATIONS D'UTILISATION DE VIDEO POUR LA DISTRIBUTION D'UNE PUBLICITE**
[72] BOU BALUST, ELISENDA, US
[72] RIVEIRO INSUA, JUAN CARLOS, US
[72] NEMIROVSKY, MARIO, US
[71] VILYNX, INC., US
[85] 2018-02-21
[86] 2016-09-01 (PCT/US2016/049854)
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[54] **MECHANICAL DOOR INTERLOCK DEVICE**
[54] **DISPOSITIF DE VERROUILLAGE MECANIQUE DE PORTE**
[72] FISHOVITZ, ANTHONY J., US
[72] BENKE, JAMES J., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-02-21
[86] 2016-08-25 (PCT/US2016/048506)
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[25] EN
[54] **FLUIDIC PROPULSIVE SYSTEM AND THRUST AND LIFT GENERATOR FOR AERIAL VEHICLES**
[54] **SYSTEME DE PROPULSION FLUIDIQUE ET GENERATEUR DE POUSSEE ET DE PORTANCE POUR VEHICULES AERIENS**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
[85] 2018-02-21
[86] 2016-09-02 (PCT/US2016/050236)
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[30] US (62/213,465) 2015-09-02

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[51] **Int.Cl. G08B 21/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DEVICE USAGE MONITORING**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'UTILISATION DE DISPOSITIF**
[72] WEGELIN, JACKSON, US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-02-21
[86] 2016-08-25 (PCT/US2016/048523)
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[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 7/02 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR CORONARY, VALVULAR, PERIPHERAL, RENAL, CAROTID AND/OR PULMONARY ABNORMALITY DETECTION UTILIZING ELECTROCARDIOGRAPHY**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE DETECTION D'UNE ANOMALIE CORONARIENNE, VALVULAIRE, RENALE PERIPHERIQUE, CAROTIDIENNE ET/OU PULMONAIRE PAR ELECTROCARDIOGRAPHIE**
[72] LARSON, MIKE, US
[72] JOHNSON, MARIE, US
[72] PAULSON, NICK, US
[72] YAO, JIXING, US
[72] LIPPETT, JORDAN, US
[71] AUM CARDIOVASCULAR, INC., US
[85] 2018-02-21
[86] 2016-08-26 (PCT/US2016/048937)
[87] (WO2017/040262)
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[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING VITAL MEASUREMENTS USING A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE D'OBTENTION DES MESURES VITALES A L'AIDE D'UN DISPOSITIF MOBILE**
[72] GRUHLKE, RUSSELL, US
[72] TCHERTKOV, IGOR, US
[72] MARTIN, RUSSEL ALLYN, US
[72] POLIAKOV, EVGENI, US
[72] GOUSEV, EVGENI, US
[72] SHEN, LIANG, US
[72] GOVIL, ALOK, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-21
[86] 2016-09-02 (PCT/US2016/050275)
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[30] US (14/860,645) 2015-09-21

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[54] **REMOTELY ACTIVATED PORTABLE HAND TOOL**
[54] **OUTIL A MAIN PORTABLE ACTIVE A DISTANCE**
[72] RZASA, MICHAEL PAUL, US
[72] OWENS, DANIEL PAUL, US
[72] KAKKATTIL, JAMSHID, US
[72] BALAN, RAJESH, US
[71] HUBBELL INCORPORATED, US
[85] 2018-02-21
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[87] (WO2017/035518)
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[51] **Int.Cl. A61K 31/409 (2006.01) A61P 35/04 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **SYNTHESIS AND COMPOSITION OF PHOTODYNAMIC THERAPEUTIC AGENTS FOR THE TARGETED TREATMENT OF CANCER**
[54] **SYNTHESE ET COMPOSITION D'AGENTS THERAPEUTIQUES PHOTODYNAMIQUES POUR LE TRAITEMENT CIBLE DU CANCER**
[72] KULARATNE, SUMITH A., US
[72] GAGARE, PRAVIN, US
[72] MAYERS, CARRIE H., US
[71] ON TARGET LABORATORIES, LLC, US
[85] 2018-02-21
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[25] EN
[54] **PRODRUGS OF CHLOROKYNURENINES**
[54] **PROMEDICAMENTS DE CHLOROKYNURENINES**
[72] LAUFER, RALPH, IL
[72] OTT, GREGORY R., US
[71] CEPHALON, INC., US
[85] 2018-02-21
[86] 2016-09-08 (PCT/US2016/050602)
[87] (WO2017/044516)
[30] US (62/215,276) 2015-09-08

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[25] EN
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[54] **COLORANTS DU PIR CIBLES SUR LE PSMA ET LEURS UTILISATIONS**
[72] KULARATNE, SUMITH A., US
[72] LOW, PHILIP S., US
[72] GAGARE, PRAVIN, US
[72] MYERS, CARRIE, US
[71] ON TARGET LABORATORIES, LLC, US
[85] 2018-02-21
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[25] EN
[54] **METHODS OF AND SYSTEM FOR GENERATING ANTIMICROBIAL WIPES**
[54] **PROCEDES ET SYSTEME DE GENERATION DE CHIFFONS ANTIMICROBIENS**
[72] TSAI, TSUNG-CHAN, US
[72] LOUIS, JEFFREY S., US
[72] ANTONAKAS, DAPHNE PAPPAS, US
[72] KALGHATGI, SAMEER, US
[72] GRAY, ROBERT L., US
[71] EP TECHNOLOGIES LLC, US
[85] 2018-02-21
[86] 2016-08-30 (PCT/US2016/049375)
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[54] **MIXED REFRIGERANT DISTRIBUTED CHILLING SCHEME**
[54] **SYSTEME DE REFROIDISSEMENT DISTRIBUE A REFRIGERANTS MIXTES**
[72] MANNING, JASON M., US
[72] ELLRICH, JUSTIN, US
[72] HOFFART, SHAWN D., US
[71] BLACK & VEATCH HOLDING COMPANY, US
[85] 2018-02-21
[86] 2016-09-08 (PCT/US2016/050740)
[87] (WO2017/044602)
[30] US (62/216,226) 2015-09-09
[30] US (15/255,805) 2016-09-02

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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/362 (2006.01)**
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[54] **METHODS AND SYSTEMS FOR TREATING CARDIAC MALFUNCTION**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE DYSFONCTIONNEMENTS CARDIAQUES**
[72] MIKA, YUVAL, US
[72] SHERMAN, DARREN, US
[72] BURKHOFF, DANIEL, US
[71] BACKBEAT MEDICAL, INC., US
[85] 2018-02-21
[86] 2016-09-09 (PCT/US2016/051023)
[87] (WO2017/044794)
[30] US (62/217,299) 2015-09-11
[30] US (15/259,282) 2016-09-08

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[25] EN
[54] **ENGINEERED PHYTASES AND METHODS OF USING THE SAME**
[54] **PHYTASES MODIFIEES ET PROCEDES POUR LES UTILISER**
[72] RAAB, R. MICHAEL, US
[72] LAZAR, GABOR, US
[72] SHEN, BINZHANG, US
[71] AGRIVIDA, INC., US
[85] 2018-02-21
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[54] **SYSTEM AND METHOD FOR GENERATING TASK-EMBEDDED DOCUMENTS**
[54] **SYSTEME ET PROCEDE DE GENERATION DE DOCUMENTS INTEGRES A DES TACHES**
[72] GAGNE-LANGEVIN, MAUD, CA
[72] FEDOROV, VALERIY, UA
[72] GRITSAY, MAKSIM, UA
[72] POTAPOV, ALEXANDER, UA
[72] PELYANSKIY, MIKHAIL, UA
[72] KRIVOSHEY, SVETLANA, UA
[72] SHABALINA, ANNA, UA
[72] BUNCHUK, VITALIY, UA
[71] GAGNE-LANGEVIN, MAUD, CA
[71] FOULNES SERVICES CORP., VG
[85] 2017-12-05
[86] 2015-06-08 (PCT/CA2015/050524)
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[30] US (62/008,743) 2014-06-06
[30] CA (PCT/CA2015/050427) 2015-05-12

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[54] **SYSTEMES CATALYTIQUES DOUBLES ZIEGLER-NATTA - METALLOCENE**
[72] DING, ERRUN, US
[72] YANG, QING, US
[72] GUATNEY, LLOYD W, US
[72] GRECO, JEFFREY F, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-02-21
[86] 2016-09-21 (PCT/US2016/052803)
[87] (WO2017/053375)
[30] US (14/863,528) 2015-09-24

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[25] EN
[54] **HETEROARYL COMPOUNDS AS IRAK INHIBITORS AND USES THEREOF**
[54] **COMPOSES HETEROARYLES SERVANT D'INHIBITEURS D'IRAK, ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] LAN, RUOXI, US
[72] CHEN, AUSTIN, US
[72] CLARK, RYAN C., US
[71] MERCK PATENT GMBH, DE
[85] 2018-02-21
[86] 2016-09-16 (PCT/US2016/052104)
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[54] **METHODS OF PREPARING A CATALYST**
[54] **PROCEDES DE PREPARATION D'UN CATALYSEUR**
[72] PRAETORIUS, JEREMY M., US
[72] SCHWERDTFEGER, ERIC D., US
[72] MCDANIEL, MAX P., US
[72] CYMBALUK, TED H., US
[72] BOXELL, CONNER D., US
[72] CLEAR, KATHY S., US
[72] SOLENBERGER, ALAN L., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2018-02-21
[86] 2016-09-15 (PCT/US2016/051902)
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[30] US (14/858,512) 2015-09-18

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[25] EN
[54] **HETEROARYL COMPOUNDS AS IRAK INHIBITORS AND USES THEREOF**
[54] **COMPOSES HETEROARYLE SERVANT D'INHIBITEURS D'IRAK, ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] LAN, RUOXI, US
[72] CHEN, AUSTIN, US
[72] CLARK, RYAN C., US
[71] MERCK PATENT GMBH, DE
[85] 2018-02-21
[86] 2016-09-16 (PCT/US2016/052107)
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[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS D'HYGIENE BUCCO-DENTAIRE**
[72] REGE, AARTI, US
[72] PRENCIPE, MICHAEL, US
[72] BHADRA, MADHULEENA, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-21
[86] 2017-06-22 (PCT/US2017/038741)
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[54] **METHODS AND APPARATUS FOR MONITORING A LOADING DOCK**
[54] **PROCEDES ET APPAREIL PERMETTANT DE SURVEILLER UN QUAI DE CHARGEMENT**
[72] STONE, BRADLEY J., US
[72] BOWMAN, KENNETH C., US
[72] SVEUM, MATTHEW, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2018-02-21
[86] 2016-10-06 (PCT/US2016/055779)
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[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITION DE SOINS BUCCO-DENTAIRES**
[72] THOMSON, PAUL F., US
[72] DOGU, NIHAL, US
[72] RAJAH, DIVINO, US
[72] DAEP, CARLO, US
[72] BEGUM-GAFUR, REHANA, US
[72] PRENCIPE, MICHAEL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-21
[86] 2017-06-22 (PCT/US2017/038767)
[87] (WO2017/223321)
[30] US (62/354,258) 2016-06-24

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[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS PROCEDES D'UTILISATION**
[72] THOMSON, PAUL, US
[72] DOGU, NIHAL, US
[72] RAJAH, DIVINO, US
[72] PRENCIPE, MICHAEL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-02-21
[86] 2017-06-23 (PCT/US2017/038898)
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[30] US (62/354,269) 2016-06-24

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[25] EN
[54] **ROTATIONAL DRIVER**
[54] **DISPOSITIF D'ENTRAINEMENT ROTATIF**
[72] SIMMONDS, BRIAN, AU
[71] REDBACK PNEUMATICS PTY LTD, AU
[85] 2018-02-22
[86] 2016-08-08 (PCT/AU2016/000272)
[87] (WO2017/031519)
[30] AU (2015218456) 2015-08-26

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[51] **Int.Cl. B65G 47/51 (2006.01)**
[25] EN
[54] **APPARATUS FOR DIVERTING A STREAM OF ARTICLES**
[54] **APPAREIL DE DEVIATION D'UN FLUX D'ARTICLES**
[72] BEESLEY, ROBERT C., US
[72] NUNN, J. MARK, US
[72] IMES, DOUG A., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **CONTAINER FOR USE IN FOOD PROCESSING**
[54] **RECIPIENT A UTILISER DANS LA TRANSFORMATION ALIMENTAIRE**
[72] KNOERZER, KAI, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MARKER-FREE GENOME MODIFICATION**
[54] **PROCEDES ET COMPOSITIONS POUR LA MODIFICATION D'UN GENOME EXEMPT DE MARQUEURS**
[72] CIGAN, ANDREW MARK, US
[72] SVITASHEV, SERGEI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **NOVEL COMPOSITION FOR IMPROVED SLEEP**
[54] **NOUVELLE COMPOSITION POUR L'AMELIORATION DU SOMMEIL**
[72] DOHERTY, JOHN, CA
[72] POPA, SORING, CA
[72] MILLER, DORE, CA
[72] BELLEMORE, MARC, CA
[71] JAMIESON LABORATORIES, LTD., CA
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[54] **PROCESS FOR REMOVAL OF ARSENIC FROM MATERIALS CONTAINING SAME**
[54] **PROCEDE D'ELIMINATION D'ARSENIC DES MATERIAUX EN RENFERMANT**
[72] GRAELL MOORE, JOHN PATRICK, CL
[72] GUZMAN MANZO, MANUEL ENRIQUE, CL
[72] PIZARRO HERRERA, CRISTIAN EDUARDO, CL
[72] SOTO INFANTE, CHRISTIAN IGNACIO, CL
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[54] **RESTORING FUNCTION TO A NON-FUNCTIONAL GENE PRODUCT VIA GUIDED CAS SYSTEMS AND METHODS OF USE**
[54] **RESTAURATION DE LA FONCTION D'UN PRODUIT GENIQUE NON FONCTIONNEL PAR L'INTERMEDIAIRE DE SYSTEMES CAS GUIDES ET METHODES D'UTILISATION ASSOCIEES**
[72] CIGAN, ANDREW MARK, US
[72] SVITASHEV, SERGEI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[87] (WO2017/070032)
[30] US (62/243,719) 2015-10-20
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[25] EN
[54] **18F-TAGGED INHIBITORS OF PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) AND THEIR USE AS IMAGING AGENTS FOR PROSTATE CANCER**
[54] **INHIBITEURS MARQUES PAR F18 DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA) ET LEUR UTILISATION COMME AGENTS D'IMAGERIE POUR LE CANCER DE LA PROSTATE**
[72] CARDINALE, JENS, DE
[72] SCHAFER, MARTIN, DE
[72] KOPKA, KLAUS, DE
[72] EDER, MATTHIAS, DE
[72] BAUDER-WUEST, ULRIKE, DE
[72] EISENHUT, MICHAEL, DE
[72] BENESOVA, MARTINA, DE
[72] HABERKORN, UWE, DE
[72] GIESEL, FREDERIK, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[25] EN
[54] **COMPOSITION CONTAINING MODIFIED CHROMATE-DEFICIENT RED MUD AND METHOD FOR PRODUCING SAME**
[54] **COMPOSITION CONTENANT UNE BOUE ROUGE PAUVRE EN CHROMATE ET MODIFIEE, ET PROCEDE DE FABRICATION**
[72] ROCKTASCHEL, CHRISTIAN, DE
[71] FLUORCHEMIE GMBH FRANKFURT, DE
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[25] EN
[54] **SYNCHRONOUS RELUCTANCE MACHINE**
[54] **MACHINE SYNCHRONE A RELUCTANCE**
[72] ZEICHFUSSL, ROLAND, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. F17D 3/12 (2006.01) C10L 3/06 (2006.01)**
[25] EN
[54] **PIPELINE ARRANGEMENT FOR UTILIZING A GAS COMPRISING BIOMETHANE**
[54] **AGENCEMENT DE CONDUITE PERMETTANT D'UTILISER UN GAZ COMPRENANT DU BIOMETHANE**
[72] FOODY, PATRICK J., CA
[71] IOGEN CORPORATION, CA
[85] 2018-02-22
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[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AND MANAGING THE VOLUME AND CONCENTRATION OF SANITISER OPTIMISED FOR USE IN A METHOD FOR DISINFECTING AN INTRA-OVUM SUBSTANCE APPLICATION MODULE,WITH INFORMATION ON THE AVERAGE SIZE OF THE VACCINATED AND/OR FED FERTILE EGGS BEING USED AS THE PARADIGM**
[54] **SYSTEME ET PROCEDE D'OBTENTION ET DE GESTION DE VOLUME ET DE CONCENTRATION D'ASEPTISANT OPTIMISE, TROUVANT UNE APPLICATION DANS LE PROCEDE DE SEDINFECTION D'UN MODULE D'INTRODUCTION DE SUBSTANCE IN OVO, AVEC COMME PARADIGME L'INFORMATION SUR LA TAILLE MOYENNE DES OEUFS FERTILES VACCINES ET/OU ALIMENTES**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA, BR
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[54] **MULTILAYER FILMS AND METHODS THEREOF**
[54] **FILMS MULTICOUCHES ET PROCEDES CORRESPONDANTS**
[72] LEE, JONG YOUNG, US
[72] KARJALA, TERESA P., US
[72] PATEL, RAJEN M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **ARTICLE FOR USE WITH APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **ARTICLE DESTINE A ETRE UTILISE AVEC UN APPAREIL POUR CHAUFFER UNE SUBSTANCE A FUMER**
[72] WILKE, ANDREW P., US
[72] KAUFMAN, DUANE A., US
[72] ROBEY, RAYMOND J., US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR USE WITH APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **CARTOUCHE A UTILISER AVEC UN APPAREIL DE CHAUFFAGE DE SUBSTANCE A FUMER**
[72] KAUFMAN, DUANE A., US
[72] ROBEY, RAYMOND J., US
[72] PAPROCKI, BENJAMIN J., US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-02-22
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[54] **APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **APPAREIL PERMETTANT DE CHAUFFER UNE SUBSTANCE A FUMER**
[72] BLANDINO, THOMAS P, US
[72] WILKE, ANDREW P, US
[72] FRATER, JAMES J, US
[72] PAPROCKI, BENJAMIN J, US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[25] EN
[54] **PROCESSES FOR PREPARING VARIOUS METALS AND DERIVATIVES THEREOF FROM COPPER- AND SULFUR-CONTAINING MATERIAL**
[54] **PROCEDES DE PREPARATION DE DIVERS METAUX ET DE LEURS DERIVES A PARTIR D'UN MATERIAU CONTENANT DU CUIVRE ET DU SOUFRE**
[72] COURSOL, PASCAL, CA
[72] SHIJUN, WU, CA
[71] 5N PLUS INC., CA
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[25] FR
[54] **IRON COMPRISING A VAPORISATION CHAMBER PROVIDED WITH TWO SEPARATE EVAPORATION AREAS**
[54] **FER A REPASSER COMPORTANT UNE CHAMBRE DE VAPORISATION MUNIE DE DEUX ZONES D'EVAPORATION DISTINCTES**
[72] LUKAS, ANDREA, DE
[72] SCHEVE, BJORN, DE
[72] SPATZ, DIERK, DE
[71] ROWENTA WERKE GMBH, DE
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[25] EN
[54] **EDIBLE COATING OF FRESHLY PRE-PREPARED POTATOES, METHOD FOR THE APPLICATION THEREOF, AND POTATOES COATED WITH SAME**
[54] **ENROBAGE COMESTIBLE POUR POMME DE TERRE DE 4E GAMME, PROCEDE POUR SON APPLICATION ET POMMES DE TERRE ENROBEES DE CELUI-CI**
[72] ROJAS GRAU, MARIA ALEJANDRA, ES
[72] URRUTIA LARRAZ, RAQUEL, ES
[71] PRODUCTION AND INNOVATION ON EDIBLE COATINGS S.L., ES
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[25] EN
[54] **METHOD AND APPARATUS FOR QUANTIZATION IN VIDEO ENCODING AND DECODING**
[54] **PROCEDE ET APPAREIL DE QUANTIFICATION EN CODAGE ET DECODAGE VIDEO**
[72] GALPIN, FRANCK, FR
[72] GURNEL, HADRIEN, FR
[72] FRANCOIS, EDOUARD, FR
[71] THOMSON LICENSING, FR
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[54] **THERAPEUTIC AGENT DELIVERING BIOPSY NEEDLE DEVICE AND METHOD OF USE**
[54] **DISPOSITIF D'AIGUILLE DE BIOPSIE D'ADMINISTRATION D'AGENT THERAPEUTIQUE ET PROCEDE D'UTILISATION**
[72] NYULI, COLIN A., CA
[72] JANZEN, DENNIS LYLE, CA
[72] JANZEN, DOUGLAS GLEN, CA
[72] LANE, RANDY MATTHEW, CA
[72] MARKO, ALEXEI J., CA
[71] ALABASTER TECHNOLOGIES INC., CA
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[25] EN
[54] **CONSTANT FLOW FUNCTION AIR EXPANSION TRAIN WITH COMBUSTOR**
[54] **TRAIN D'EXPANSION D'AIR A FONCTION DE FLUX CONSTANT DOTE DE CHAMBRE DE COMBUSTION**
[72] FRANCINI, STEFANO, IT
[72] FREUND, SEBASTIAN WALTER, DE
[72] MICHELASSI, VITTORIO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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[51] **Int.Cl. A01K 45/00 (2006.01)**
[25] EN
[54] **IMPROVEMENT TO OPERATING SYSTEM OF MODULE FOR LOCKING INJECTION DEVICES OF A SUBSYSTEM FOR APPLYING SUBSTANCES INTO FERTILE EGGS**
[54] **AMELIORATION AU SYSTEME DE FONCTIONNEMENT D'UN MODULE DESTINE A BLOQUER DES DISPOSITIFS D'INJECTION D'UN SOUS-SYSTEME EN VUE D'INTRODUIRE DES SUBSTANCES DANS LES OEUFS FERTILES**
[72] BASTOS, CESAR DA SILVA, BR
[71] CEVA SAUDE ANIMAL LTDA, BR
[85] 2018-02-21
[86] 2016-08-16 (PCT/BR2016/050197)
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[30] BR (BR102015020511-2) 2015-08-25

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[51] **Int.Cl. H01H 9/16 (2006.01)**
[25] EN
[54] **VISUAL INDICATOR MODULES FOR USE WITH CONTROL PANELS AND RELATED METHODS**
[54] **MODULES INDICATEURS VISUELS DESTINES A ETRE UTILISES AVEC DES PANNEAUX DE COMMANDE, ET PROCEDES ASSOCIES**
[72] LI, PEI, CN
[72] AMIRTHASAMY, STANLEY FELIX, US
[72] BRAMA, MARWAN, SG
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[25] EN
[54] **COORDINATED-CONTROL COENZYME Q10 FERMENTATION PRODUCTION PROCESS BASED ON ONLINE OXYGEN CONSUMPTION RATE AND ELECTRICAL CONDUCTIVITY**
[54] **PROCEDE DE PRODUCTION PAR FERMENTATION DE COENZYME Q10 A REGULATION COORDONNE FONDE SUR LE TAUX DE CONSOMMATION D'OXYGENE ET LA CONDUCTIVITE ELECTRIQUE EN LIGNE**
[72] YU, HONGWEI, CN
[72] LV, YONG, CN
[72] LI, YONG, CN
[72] CHEN, JIANBO, CN
[72] CHEN, SHAOFENG, CN
[72] LI, WEIFENG, CN
[72] ZHANG, HONGMEI, CN
[72] ZHU, YONGQIANG, CN
[71] SHANGYU NHU BIOLOGICAL CHEMICAL CO., LTD., CN
[71] ZHEJIANG UNIVERSITY, CN
[71] ZHEJIANG NHU COMPANY LTD., CN
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[25] EN
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[54] **CAPTEUR DE PRESSION A FIBRE OPTIQUE ET PROCEDE**
[72] MULLER, MATHIAS, DE
[71] FOS4X GMBH, DE
[85] 2018-02-22
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[30] DE (10 2015 115 926.0) 2015-09-21

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[25] EN
[54] **METHOD FOR GENERATING A COFFEE BEVERAGE IN A BREWING DEVICE OF AN AUTOMATIC COFFEE MACHINE AND AUTOMATIC COFFEE MACHINE FOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE PREPARATION D'UNE BOISSON A BASE DE CAFE DANS UNE MACHINE A CAFE, ET MACHINE A CAFE PERMETTANT LA MISE EN □UVRE DU PROCEDE**
[72] SAHLI, GEORG, CH
[72] PROBST, STEPHAN, CH
[72] BUTTIKER, PHILIPP, CH
[72] STUDER, REINHARD, CH
[71] JURA ELEKTROAPPARATE AG, CH
[85] 2018-02-22
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[51] **Int.Cl. B21D 28/04 (2006.01) B41F 17/00 (2006.01) B44B 5/00 (2006.01) B60R 13/10 (2006.01)**
[25] EN
[54] **PRODUCTION FACILITY AND PROCESS FOR MANUFACTURING MOTOR VEHICLE LICENSE PLATES**
[54] **INSTALLATION DE PRODUCTION ET PROCEDE DE FABRICATION DE PLAQUES D'IMMATRICULATION DE VEHICULE A MOTEUR**
[72] BUERGER, JOCHEN, DE
[72] WOLLENWEBER, THOMAS, DE
[72] WAESCHENBACH, CHRISTOPH, DE
[72] PFUNDSTEIN, BERND, DE
[72] BRUCH, HARALD KLAUS LUDWIG, DE
[72] REEH, HOLGER, DE
[71] ERICH UTSCH AG, DE
[85] 2018-02-22
[86] 2016-08-16 (PCT/EP2016/069390)
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[30] DE (10 2015 114 573.1) 2015-09-01

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[25] EN
[54] **A FORWARD-IMAGING OPTICAL COHERENCE TOMOGRAPHY PROBE**
[54] **SONDE DE TOMOGRAPHIE PAR COHERENCE OPTIQUE A IMAGERIE FRONTALE**
[72] LI, FANGXIN, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-02-22
[86] 2015-09-02 (PCT/IB2015/056670)
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[13] A1
[51] **Int.Cl. B66C 13/20 (2006.01) B66D 1/44 (2006.01)**
[25] EN
[54] **HYDRAULIC CONTROLLER FOR A HYDRAULICALLY ACTUATED LIFTABLE AND LOWERABLE HOOK OF A CRANE**
[54] **COMMANDE HYDRAULIQUE POUR UN CROCHET DE GRUE, ACTIONNE HYDRAULIQUEMENT ET POUVANT ETRE SOULEVE ET ABAISSE**
[72] VERKOYEN, TORSTEN, DE
[72] HOPPMANN, HEINZ HENNING, DE
[72] STAMMEN, CHRISTIAN, DE
[71] XCMG EUROPEAN RESEARCH CENTER GMBH, DE
[85] 2018-02-22
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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **AEROSOL PROVISION SYSTEM WITH REMOTE AIR INLET**
[54] **SYSTEME DE PRODUCTION D'AEROSOL AVEC ENTREE D'AIR DISTANTE**
[72] LEADLEY, DAVID, GB
[72] HEPWORTH, RICHARD, GB
[72] TRAN, MY-LINH, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-02-22
[86] 2016-09-12 (PCT/GB2016/052808)
[87] (WO2017/051150)
[30] GB (1516792.7) 2015-09-22

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[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) A61K 9/00 (2006.01) A61K 49/00 (2006.01) C09K 11/00 (2006.01)**
[25] FR
[54] **PARTICLE COMPRISING AT LEAST ONE FERRIMAGNETIC OR FERROMAGNETIC IRON OXIDE NANOPARTICLE ASSOCIATED WITH AT LEAST ONE COMPOUND FOR MEDICAL OR COSMETIC USE**
[54] **PARTICULE COMPRENANT AU MOINS UNE NANOPARTICULE D'OXYDE DE FER FERRIMAGNETIQUE OU FERROMAGNETIQUE ASSOCIEE A AU MOINS UN COMPOSE POUR UNE UTILISATION MEDICALE OU COSMETIQUE**
[72] ALPHANDERY, EDOUARD, FR
[72] CHEBBI, IMENE, FR
[71] NANOBACTERIE, FR
[85] 2018-02-22
[86] 2016-10-21 (PCT/FR2016/000173)
[87] (WO2017/068252)
[30] FR (15/02228) 2015-10-21

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **VAPING HEAT MAP SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS**
[54] **SYSTEME ET PROCEDE DE CARTOGRAPHIE THERMIQUE DE VAPOTAGE POUR SYSTEMES ELECTRONIQUES DE FOURNITURE DE VAPEUR**
[72] BAKER, DARRYL, GB
[72] OLDBURY, ROSS, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2018-02-22
[86] 2016-09-14 (PCT/GB2016/052829)
[87] (WO2017/055800)
[30] GB (1517089.7) 2015-09-28

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[13] A1
[51] **Int.Cl. F41G 1/00 (2006.01)**
[25] EN
[54] **DYNAMIC LASER MARKER DISPLAY FOR AIMABLE DEVICE**
[54] **AFFICHEUR A MARQUEUR LASER DYNAMIQUE POUR DISPOSITIF POINTABLE**
[72] EHRLICH, AVSHALOM, IL
[71] SMART SHOOTER LTD., IL
[85] 2018-02-22
[86] 2016-07-20 (PCT/IL2016/050786)
[87] (WO2017/042797)
[30] IL (241445) 2015-09-10

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[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/00 (2006.01) A61P 3/00 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 37/02 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **IMMUNOMODULATORY COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'IMMUNOMODULATION ET LEURS PROCEDES D'UTILISATION**
[72] GUPTA, NANCY, CA
[72] AGRAWAL, BABITA, CA
[72] KUMAR, RAKESH, CA
[71] GUPTA, NANCY, CA
[71] AGRAWAL, BABITA, CA
[71] KUMAR, RAKESH, CA
[85] 2018-02-22
[86] 2016-08-22 (PCT/IB2016/055016)
[87] (WO2017/033123)
[30] US (62/209,693) 2015-08-25

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[13] A1
[51] **Int.Cl. A23G 1/32 (2006.01) A23G 1/34 (2006.01) A23G 1/36 (2006.01) A23G 1/40 (2006.01)**
[25] EN
[54] **FORMULATION OF CHOCOLATE WITH CAROB AND LOW CAFFEINE AND THEOBROMINE CONTENT, NO ADDED SUGAR, DAIRY FREE, GLUTEN FREE, SOY FREE, AND WITH OR WITHOUT FIBERS**
[54] **FORMULATION DE CHOCOLAT AVEC CAROUBE A FAIBLES TENEURS EN CAFEINE ET THEOBROMINE, SANS LAIT, AVEC OU SANS ADDITION DE SUCRES, SANS GLUTEN, SANS SOJA ET AVEC ET SANS FIBRES**
[72] CARMINE GIUNTI DE OLIVEIRA, LUIZ, BR
[72] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
[71] CARMINE GIUNTI DE OLIVEIRA, LUIZ, BR
[71] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
[85] 2018-02-20
[86] 2016-08-19 (PCT/BR2016/050209)
[87] (WO2017/031566)
[30] BR (BR 13 2015 020227 9) 2015-08-21

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[13] A1
[51] **Int.Cl. A61K 31/336 (2006.01) A61K 31/715 (2006.01) A61K 36/02 (2006.01) C07D 303/02 (2006.01) C07D 303/12 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR PRODUCING FUCOXANTHIN AND/OR POLYSACCHARIDES FROM MICROALGAE**
[54] **PROCEDE AMELIORE POUR FABRIQUER DE LA FUCOXANTHINE ET/OU DES POLYSACCHARIDES A PARTIR DE MICROALGUES**
[72] AYALON, ORAN, IL
[71] ALGAHEALTH (AH) LTD., IL
[85] 2018-02-22
[86] 2016-08-23 (PCT/IL2016/050917)
[87] (WO2017/037692)
[30] US (62/211,094) 2015-08-28

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C07K 7/06 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **SPECIFICALLY PURIFIED ANTI-PRESEPSIN ANTIBODY**
[54] **ANTICORPS ANTI-PRESEPSINE SPECIFIQUEMENT PURIFIES**
[72] SHIRAKAWA, KAMON, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-22
[86] 2015-08-25 (PCT/JP2015/073839)
[87] (WO2017/033281)

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[13] A1
[51] **Int.Cl. H04M 3/51 (2006.01)**
[25] EN
[54] **ACD SYSTEM, INCOMING-CALL ORDER NOTIFICATION METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM**
[54] **SYSTEME DE REPARTITION AUTOMATIQUE DES APPELS, PROCEDE DE NOTIFICATION D'ORDRE D'APPELS ENTRANTS, ET SUPPORT NON TEMPORAIRE LISIBLE PAR ORDINATEUR**
[72] TOMORI, AKIHITO, JP
[71] NEC PLATFORMS, LTD., JP
[85] 2018-02-22
[86] 2016-07-27 (PCT/JP2016/003485)
[87] (WO2017/043006)
[30] JP (2015-176486) 2015-09-08

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[13] A1
[51] **Int.Cl. H03M 1/66 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **SIGNAL GENERATING DEVICE**
[54] **DISPOSITIF DE GENERATION DE SIGNAL**
[72] YAMAZAKI, HIROSHI, JP
[72] NAGATANI, MUNEHIKO, JP
[72] NOSAKA, HIDEYUKI, JP
[72] SANO, AKIHIDE, JP
[72] MIYAMOTO, YUTAKA, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2018-02-22
[86] 2016-08-19 (PCT/JP2016/003791)
[87] (WO2017/033446)
[30] JP (2015-168219) 2015-08-27

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[21] **2,996,403**
[13] A1
[51] **Int.Cl. C01B 13/14 (2006.01) C01G 9/02 (2006.01) C01G 49/06 (2006.01)**
[25] EN
[54] **METAL OXIDE PARTICLES AND METHOD OF PRODUCING THE SAME**
[54] **PARTICULES D'OXYDES METALLIQUES ET PROCEDE POUR LA PRODUCTION DE CES DERNIERES**
[72] ENOMURA, MASAKAZU, JP
[72] HONDA, DAISUKE, JP
[71] M. TECHNIQUE CO., LTD., JP
[85] 2018-02-22
[86] 2016-06-03 (PCT/JP2016/066542)
[87] (WO2017/061140)
[30] JP (2015-197556) 2015-10-05
[30] JP (2016-111346) 2016-06-02

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[13] A1
[51] **Int.Cl. A23C 19/076 (2006.01) A23C 21/06 (2006.01) A23C 21/10 (2006.01)**
[25] EN
[54] **STABILISER-FREE COTTAGE CHEESE, A THICKENED DAIRY LIQUID SUITABLE FOR ITS PRODUCTION, AND RELATED METHODS**
[54] **FROMAGE COTTAGE EXEMPT DE STABILISANT, LIQUIDE LAITIER EPAISSI CONVENANT POUR LA PRODUCTION DE CE FROMAGE ET PROCEDES ASSOCIES**
[72] ANDERSEN, CLAUS, DK
[72] PEDERSEN, KENNETH TWISTTMANN, DK
[71] ARLA FOODS AMBA, DK
[85] 2018-02-22
[86] 2016-08-24 (PCT/EP2016/070020)
[87] (WO2017/032817)
[30] EP (15182245.9) 2015-08-24

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[13] A1
[51] **Int.Cl. H04W 88/06 (2009.01) H04J 99/00 (2009.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **USER TERMINAL, RADIAL BASE STATION AND RADIO COMMUNICATION METHOD**
[54] **TERMINAL UTILISATEUR, STATION DE BASE RADIALE ET PROCEDE DE COMMUNICATION RADIO**
[72] TAKEDA, KAZUKI, JP
[72] HARADA, HIROKI, JP
[72] NAGATA, SATOSHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2018-02-22
[86] 2016-08-23 (PCT/JP2016/074550)
[87] (WO2017/038563)
[30] JP (2015-171450) 2015-08-31

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[13] A1
[51] **Int.Cl. H04B 10/61 (2013.01) H04L 27/34 (2006.01)**
[25] EN
[54] **COHERENT OPTICAL RECEPTION DEVICE**
[54] **DISPOSITION DE RECEPTION OPTIQUE COHERENTE**
[72] HORIKOSHI, KENGO, JP
[72] YOSHIDA, MITSUTERU, JP
[72] OKAMOTO, SEIJI, JP
[72] HOSOYA, EIICHI, JP
[72] YAMAZAKI, ETSUSHI, JP
[72] ONUMA, YASUHARU, JP
[72] TAKAMUKU, TOMOHIRO, JP
[72] MIURA, NAOKI, JP
[72] YASUDA, SADAYUKI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[71] NTT ELECTRONICS CORPORATION, JP
[85] 2018-02-22
[86] 2016-10-17 (PCT/JP2016/080700)
[87] (WO2017/069086)
[30] JP (2015-205604) 2015-10-19
[30] JP (2016-073735) 2016-03-31

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[13] A1
[51] **Int.Cl. B60L 11/00 (2006.01) G05B 11/01 (2006.01) H02J 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STABILIZER CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE STABILISATEUR**
[72] TYLER, STEPHEN J., US
[72] POWELL, PHILLIP W., US
[71] DOMINION ENERGY, INC., US
[85] 2018-02-22
[86] 2016-08-23 (PCT/US2016/048206)
[87] (WO2017/035145)
[30] US (62/208,894) 2015-08-24
[30] US (15/243,217) 2016-08-22

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SECURE COMMUNICATIONS WITH INTERNET-ENABLED DEVICES**
[54] **COMMUNICATIONS SECURISEES AVEC DISPOSITIFS COMPATIBLES AVEC L'INTERNET**
[72] LAPIDOUS, EUGENE, US
[72] ARSITOV, ARTEM, US
[71] ANCHORFREE INC., US
[85] 2018-02-22
[86] 2016-08-23 (PCT/US2016/048226)
[87] (WO2017/035159)
[30] US (62/209,776) 2015-08-25
[30] US (15/040,655) 2016-02-10
[30] US (15/040,697) 2016-02-10
[30] US (15/040,762) 2016-02-10

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[13] A1
[51] **Int.Cl. B32B 5/26 (2006.01) B29C 70/02 (2006.01) B32B 5/02 (2006.01) C08J 5/10 (2006.01) C08J 5/24 (2006.01) C08L 63/00 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL AND RESIN COMPOSITION CONTAINING METASTABLE PARTICLES**
[54] **MATERIAU COMPOSITE ET COMPOSITION DE RESINE CONTENANT DES PARTICULES METASTABLES**
[72] AERTS, VINCENT, GB
[72] GRIFFIN, JAMES MARTIN, US
[72] ELDER, JUDITH, GB
[71] CYTEC INDUSTRIES INC., US
[85] 2018-02-22
[86] 2016-08-24 (PCT/US2016/048264)
[87] (WO2017/035175)
[30] US (62/208,974) 2015-08-24

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[13] A1
[51] **Int.Cl. E01C 19/21 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATING THE APPLICATION OF FRICTION-MODIFYING COATINGS**
[54] **SYSTEMES ET PROCEDES POUR L'AUTOMATISATION DE L'APPLICATION DE REVETEMENTS MODIFICATEURS DE FROTTEMENT**
[72] RAINWATER, KEITH, US
[72] HOWORKO, RICK, CA
[72] HOWORKO, MATTHEW, CA
[72] RAINWATER, JEFF, US
[72] STONE, JACK D., JR., US
[71] DBI HOLDING, LLC, US
[85] 2018-02-22
[86] 2016-08-24 (PCT/US2016/048398)
[87] (WO2017/035231)
[30] US (14/835,614) 2015-08-25

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[13] A1
[51] **Int.Cl. G21C 1/02 (2006.01) G21C 3/04 (2006.01) G21C 3/16 (2006.01) G21C 7/00 (2006.01) G21C 21/08 (2006.01) G21D 3/00 (2006.01) G21C 3/42 (2006.01)**
[25] EN
[54] **FUEL ELEMENT WITH MULTI-SMEAR DENSITY FUEL**
[54] **ELEMENT COMBUSTIBLE AVEC UN CARBURANT A DENSITES APPARENTES MULTIPLES**
[72] CHEATHAM, JESSE R., III, US
[72] LATTA, RYAN N., US
[72] MILLER, SAMUEL J., US
[71] TERRAPOWER, LLC, US
[85] 2018-02-22
[86] 2016-08-24 (PCT/US2016/048392)
[87] (WO2017/091256)
[30] US (62/210,609) 2015-08-27

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 9/107 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **COMPOSITIONS FOR PROVIDING AGENTS THAT DEGRADE IN WATER**
[54] **COMPOSITIONS POUR FOURNIR DES AGENTS QUI SE DEGRADENT DANS L'EAU**
[72] BROMLEY, PHILIP J., US
[72] RAHIM, NURRUZANA, US
[72] LAM, KOON ZEE, US
[71] VIRUN, INC., US
[85] 2018-02-22
[86] 2016-09-16 (PCT/US2016/052256)
[87] (WO2017/049162)
[30] US (62/220,957) 2015-09-18
[30] US (62/327,271) 2016-04-25

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[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/167 (2006.01) A61K 31/395 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **ARYL, HETEROARYL, AND HETEROCYCLIC COMPOUNDS FOR TREATMENT OF MEDICAL DISORDERS**
[54] **COMPOSES ARYLE, HETEROARYLE, ET HETEROCYCLIQUES POUR LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] WILES, JASON ALLAN, US
[72] PHADKE, AVINASH S., US
[72] DESHPANDE, MILIND, US
[72] AGARWAL, ATUL, US
[72] CHEN, DAWEI, US
[72] GADHACHANDA, VENKAT RAO, US
[72] HASHIMOTO, AKIHIRO, US
[72] PAIS, GODWIN, US
[72] WANG, QIUPING, US
[72] WANG, XIANGZHU, US
[71] ACHILLION PHARMACEUTICALS, INC., US
[85] 2018-02-22
[86] 2016-08-25 (PCT/US2016/048696)
[87] (WO2017/035353)
[30] US (62/209,972) 2015-08-26

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[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) A61J 3/00 (2006.01) A61J 7/04 (2006.01) G07F 11/62 (2006.01)**
[25] EN
[54] **MEDICAL EQUIPMENT WITH DIVERSION MECHANISM**
[54] **EQUIPEMENT MEDICAL AVEC DISPOSITIF DE DERIVATION**
[72] VAHLBERG, JOHN, US
[71] OMNICELL, INC., US
[85] 2018-02-22
[86] 2016-10-17 (PCT/US2016/057298)
[87] (WO2017/066741)
[30] US (14/883,938) 2015-10-15

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12M 1/42 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR DETECTING VIABLE MICROORGANISMS IN A FLUID SAMPLE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE DETECTION DE MICRO-ORGANISMES VIABLES DANS UN ECHANTILLON DE FLUIDE**
[72] KNOPFMACHER, OREN S., US
[72] HERGET, MEIKE, US
[72] LAUFER, MICHAEL D., US
[72] ESTABROOK, AUGUST, US
[71] AVAILS MEDICAL, INC., US
[85] 2018-02-22
[86] 2016-08-25 (PCT/US2016/048769)
[87] (WO2017/035393)
[30] US (62/209,754) 2015-08-25

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[13] A1
[51] **Int.Cl. B21D 22/00 (2006.01)**
[25] EN
[54] **HIGH SPEED BLOW FORMING PROCESSES**
[54] **PROCEDES DE FORMAGE PAR SOUFFLAGE A GRANDE VITESSE**
[72] PRASANNAVENKATESAN, RAJESH, US
[72] PARKER, MATTHEW, US
[72] LAPLANTE, YVON, US
[72] BOMBARDIER, NICOLAS, US
[72] RUSH, BEN, US
[72] LI, SHI, US
[71] TESLA, INC., US
[85] 2018-02-22
[86] 2016-09-21 (PCT/US2016/052765)
[87] (WO2017/053352)
[30] US (14/865,625) 2015-09-25

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[13] A1
[51] **Int.Cl. G06F 13/42 (2006.01)**
[25] EN
[54] **ENHANCED SERIAL PERIPHERAL INTERFACE**
[54] **INTERFACE SERIE POUR PERIPHERIQUES AMELIOREE**
[72] MISHRA, LALAN JEE, US
[72] WIETFELDT, RICHARD DOMINIC, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-22
[86] 2016-08-26 (PCT/US2016/049105)
[87] (WO2017/053010)
[30] US (14/860,568) 2015-09-21

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[13] A1
[51] **Int.Cl. C07K 14/015 (2006.01) A61K 39/23 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ANTIBODY-EVADING VIRUS VECTORS**
[54] **PROCEDES ET COMPOSITIONS POUR VECTEURS VIRAUX EVITANT LES ANTICORPS**
[72] ASOKAN, ARAVIND, US
[72] AGBANDJE-MCKENNA, MAVIS, US
[72] TSE, LONG PING VICTOR, US
[72] GURDA, BRITTNEY, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[85] 2018-02-22
[86] 2016-09-28 (PCT/US2016/054143)
[87] (WO2017/058892)
[30] US (62/234,016) 2015-09-28

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[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **VERTICAL JOINT SYSTEM FOR A SURFACE COVERING PANEL**
[54] **SYSTEME DE JOINT VERTICAL POUR UN PANNEAU DE RECOUVREMENT DE SURFACE**
[72] KELL, RICHARD WILLIAM, AU
[71] INOTEC GLOBAL LTD, AU
[85] 2018-02-23
[86] 2015-08-31 (PCT/AU2015/000531)
[87] (WO2016/029255)
[30] AU (2014903452) 2014-08-29

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[13] A1
[51] **Int.Cl. C08B 15/08 (2006.01) B82Y 30/00 (2011.01) B82Y 40/00 (2011.01) D21C 3/06 (2006.01) D21C 9/10 (2006.01)**
[25] EN
[54] **NANOCELLULOSE PRODUCTION CO-LOCATED AT A PULP AND PAPER MILL**
[54] **PRODUCTION DE NANOCELLULOSE COLOCALISEE DANS UNE USINE DE PATES ET PAPIERS**
[72] NELSON, KIMBERLY, US
[72] RETSINA, THEODORA, US
[72] PYLKKANEN, VESA, US
[72] IAKOVLEV, MIKHAIL, US
[71] API INTELLECTUAL PROPERTY HOLDINGS, LLC, US
[85] 2018-02-22
[86] 2016-08-29 (PCT/US2016/049302)
[87] (WO2017/035535)
[30] US (62/210,736) 2015-08-27

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[13] A1
[51] **Int.Cl. F16D 35/02 (2006.01)**
[25] EN
[54] **MORNING SICKNESS VALVE SYSTEM FOR VISCOUS CLUTCH**
[54] **SYSTEME DE SOUPAPE DE GRIPPAGE MATINAL POUR EMBRAYAGE VISQUEUX**
[72] STEVENS, MICHAEL, US
[72] PRESTON, JAMES R., US
[71] HORTON, INC., US
[85] 2018-02-22
[86] 2016-10-04 (PCT/US2016/055260)
[87] (WO2017/062330)
[30] US (62/237,286) 2015-10-05

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[13] A1
[51] **Int.Cl. G01N 33/497 (2006.01)**
[25] EN
[54] **BREATH GAS ANALYSIS**
[54] **ANALYSE DE GAZ RESPIRATOIRES**
[72] GUPTA, KAPIL, US
[72] PIMENTEL, MARK, US
[72] REZAIE, ALI, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2018-02-22
[86] 2016-08-30 (PCT/US2016/049528)
[87] (WO2017/040546)
[30] US (62/213,517) 2015-09-02

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/18 (2011.01)**
[25] EN
[54] **METHOD OF CLASSIFYING AND DIAGNOSING CANCER**
[54] **PROCEDE DE CLASSIFICATION ET DE DIAGNOSTIC DU CANCER**
[72] YOU, SUNGYONG, US
[72] FREEMAN, MICHAEL, US
[72] KIM, JAYOUNG, US
[72] KNUDSEN, BEATRICE, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2018-02-22
[86] 2016-10-05 (PCT/US2016/055573)
[87] (WO2017/062505)
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[54] **FORMATION D'OS**
[72] DEHGHANI, FARIBA, AU
[72] FATHI, ALI, AU
[72] MITHIEUX, SUZANNE MARIE, AU
[72] WEISS, ANTHONY STEVEN, AU
[71] ELASTAGEN PTY LTD, AU
[85] 2018-02-23
[86] 2016-09-01 (PCT/AU2016/050826)
[87] (WO2017/035595)
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[25] EN
[54] **TUBE SUPPORT**
[54] **SUPPORT POUR TUBE**
[72] MACKNEY, GEOFFREY BRYAN, AU
[72] WATT, JODY CATHERINE, AU
[71] THE GRATIFY GROUP PTY LIMITED, AU
[85] 2018-02-22
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[51] **Int.Cl. H01H 23/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING DEVICE-SPECIFIC INFORMATION FOR A SMART DEVICE**
[54] **SYSTEME ET PROCEDE POUR DISPOSITIF INTELLIGENT, DESTINE A L'AFFICHAGE D'INFORMATIONS SPECIFIQUES AU DISPOSITIF**
[72] DAIGLE, MICHAEL, US
[72] GALLANT, BRIAN, US
[72] MONTEITH, SHAWN, US
[72] TRACY, HILLARY, US
[72] TETREAULT, MICHAEL, US
[71] IDEVICES, LLC, US
[85] 2018-02-22
[86] 2016-09-01 (PCT/US2016/049931)
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[30] US (62/212,842) 2015-09-01
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[51] **Int.Cl. A61B 17/24 (2006.01) A61F 2/20 (2006.01)**
[25] EN
[54] **VOICE DISORDER TREATMENT TOOL AND VOICE DISORDER TREATMENT SET**
[54] **OUTIL DE TRAITEMENT DE TROUBLE DE LA VOIE ET ENSEMBLE DE TRAITEMENT DE TROUBLE DE LA VOIE**
[72] SANUKI, TETSUJI, JP
[72] WAKAYOSHI, SHUJI, JP
[72] HARADA, TSUKASA, JP
[72] MASUDA, SEIICHI, JP
[72] NISHIHATA, HIROYUKI, JP
[72] KINOSHITA, KAZUHIRO, JP
[72] ABURADA, TAKAKO, JP
[71] NOBELPHARMA CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION KUMAMOTO UNIVERSITY, JP
[71] WAKAYOSHI SEISAKUSHO CO., LTD., JP
[85] 2018-02-09
[86] 2016-08-09 (PCT/JP2016/073481)
[87] (WO2017/026493)
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[25] EN
[54] **WASTE MATERIAL TREATMENT APPARATUS AND WASTE MATERIAL TREATMENT METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE DECHETS**
[72] YOKOI, SHOJI, JP
[72] HANG, PENGZHI, JP
[72] ASANO, YUKINORI, JP
[71] KENTECH INSTITUTE CORPORATION, JP
[85] 2018-02-22
[86] 2015-11-06 (PCT/JP2015/081346)
[87] (WO2017/033345)
[30] JP (2015-165210) 2015-08-24

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[25] EN
[54] **MULTI-COMMODITY SEMI-TRAILER AND AUGER**
[54] **SEMI-REMORQUE PLURISECTORIELLE ET TARIERE**
[72] HALL, ANTHONY HARRISON, AU
[71] HALL, ANTHONY HARRISON, AU
[85] 2018-02-23
[86] 2015-08-20 (PCT/AU2015/000494)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODULATING PRFA MEDIATED VIRULENCE GENE ACTIVATION IN LISTERIA SPP.**
[54] **PROCEDES ET COMPOSITIONS POUR MODULATION DE L'ACTIVATION A MEDIATION PAR PRFA DU GENE DE VIRULENCE DANS LISTERIA SPP.**
[72] PORTNOY, DANIEL A., US
[72] PORTMAN, JONATHAN L., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-02-22
[86] 2016-09-01 (PCT/US2016/050004)
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[30] US (62/213,579) 2015-09-02

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[25] EN
[54] **ON-BOARD WEIGHING SYSTEM**
[54] **SYSTEME DE PESAGE EMBARQUE**
[72] DEKKER, ALEXANDER, AU
[72] DEKKER, BARRY JOHN, AU
[71] DEKKER INDUSTRIES PTY LTD, AU
[85] 2018-02-23
[86] 2016-08-23 (PCT/AU2016/000287)
[87] (WO2017/031521)
[30] AU (2015903407) 2015-08-24
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[25] EN
[54] **BLASTING AGENT**
[54] **AGENT DE SAUTAGE**
[72] BEATTIE, JAMES KENNETH, AU
[72] DJERDJEV, ALEX MASATO, AU
[72] HAWKETT, BRIAN STANLEY, AU
[72] NETO, CHIARA, AU
[72] PRIYANANDA, PRAMITH, AU
[71] THE UNIVERSITY OF SYDNEY, AU
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[87] (WO2017/035594)
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[25] EN
[54] **CRYSTALLINE FORMS OF FOSNETUPITANT**
[54] **FORMES CRISTALLINES DE FOSNETUPITANT**
[72] FADINI, LUCA, CH
[72] VENTURINI, ALESSIO, IT
[71] HELSINN HEALTHCARE SA, CH
[85] 2018-02-23
[86] 2016-10-06 (PCT/EP2016/073855)
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[25] EN
[54] **METHODS AND MEANS FOR INDUCING AN IMMUNE RESPONSE**
[54] **PROCEDES ET MOYENS VISANT A INDUIRE UNE REPONSE IMMUNITAIRE**
[72] PASCOLO, STEVE, CH
[71] BIONTECH AG, DE
[85] 2018-02-23
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[87] (WO2017/068016)
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[25] EN
[54] **IDENTIFICATION OF CALIBRATION DEVIATIONS OF PH-MEASURING DEVICES**
[54] **IDENTIFICATION D'ECARTS D'ETALONNAGE DE DISPOSITIFS DE MESURE DU PH**
[72] KLINGER, CHRISTIAN, DE
[72] GREPPMAIR, KATRIN, DE
[72] EISENKRAETZER, DETLEF, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **HYBRID PROCESSOR WITH SWITCHING CONTROL BASED ON DYNAMIC BANDWIDTH ALLOCATION FOR MULTI-BEAM SATELLITE SYSTEMS**
[54] **PROCESSEUR HYBRIDE A COMMANDE DE COMMUTATION BASEE SUR UNE ATTRIBUTION DYNAMIQUE DE LARGEUR DE BANDE POUR SYSTEME DE SATELLITE MULTIFAISCEAU**
[72] TOMASICCHIO, GIUSEPPE, IT
[72] PASTORE, GAETANO, IT
[72] LULLI, GUGLIELMO, IT
[72] GIANCRISTOFARO, DOMENICO, IT
[72] MOCA, CINZIA, IT
[71] THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO, IT
[85] 2018-02-23
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[25] EN
[54] **THERMOELECTRIC GENERATOR USING IN SITU PASSIVE COOLING**
[54] **GENERATEUR THERMOELECTRIQUE FAISANT APPEL A UN REFROIDISSEMENT PASSIF IN SITU**
[72] CAMPEAU, GERARD, CA
[71] CAMPEAU, GERARD, CA
[85] 2018-02-23
[86] 2016-10-05 (PCT/CA2016/000246)
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[25] EN
[54] **DIRECT CURRENT HYBRID LIGHTING AND ENERGY MANAGEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GESTION D'ENERGIE ET D'ECLAIRAGE HYBRIDE A COURANT CONTINU**
[72] CURLETT, JOSHUA, CA
[72] TIMBREZA, CHARLES K., US
[71] CLEANTEK INDUSTRIES INC., CA
[85] 2018-02-23
[86] 2016-08-24 (PCT/CA2016/050996)
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[25] EN
[54] **PORTABLE DEVICES AND METHODS FOR MEASURING NUTRITIONAL INTAKE**
[54] **DISPOSITIFS PORTABLES ET PROCEDES DE MESURE D'UN APPORT NUTRITIONNEL**
[72] DEVRIES, EMMANUEL JESSE, CA
[72] KUMAR RANGI, DEEPAK, CA
[72] KUMAR, NAMAN, CA
[71] BLACKTREE FITNESS TECHNOLOGIES INC., CA
[85] 2018-02-23
[86] 2015-09-11 (PCT/IB2015/056997)
[87] (WO2016/038585)
[30] US (62/049,674) 2014-09-12
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[25] EN
[54] **SYSTEMS AND METHODS FOR COLOR DETECTION IN HIGH-THROUGHPUT NUCLEIC ACID SEQUENCING SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR DETECTION DE COULEURS DANS DES SYSTEMES DE SEQUENCAGE D'ACIDE NUCLEIQUE A HAUT DEBIT**
[72] QUINTEL, HARALD, CH
[72] LUTZE, KONSTANTIN, CH
[71] QIAGEN INSTRUMENTS AG, CH
[85] 2018-02-23
[86] 2016-08-31 (PCT/IB2016/001318)
[87] (WO2017/037535)
[30] US (62/212,820) 2015-09-01

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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING THE HARDNESS OF A GRANULAR MATERIAL**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DETERMINER LA DURETE D'UN MATERIAU GRANULAIRE**
[72] KOJOVIC, TONI, AU
[71] SIMSAGE PTY LTD, AU
[85] 2018-02-23
[86] 2016-10-15 (PCT/IB2016/001591)
[87] (WO2017/064562)
[30] US (62/241,852) 2015-10-15

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[54] **COMPACT PORTABLE LIFT ASSEMBLY**
[54] **ENSEMBLE ELEVATEUR COMPACT, PORTABLE**
[72] SMITH, DAVID W., CA
[71] ADAPTIVE CONCEPTS LTD., CA
[85] 2018-02-23
[86] 2016-08-24 (PCT/CA2016/050998)
[87] (WO2017/031587)
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[25] EN
[54] **MOLECULAR QUALITY ASSURANCE METHODS FOR USE IN SEQUENCING**
[54] **PROCEDES D'ASSURANCE DE QUALITE MOLECULAIRE DESTINES A ETRE UTILISES DANS LE SEQUENCAGE**
[72] APARICIO, SAMUEL, CA
[72] SHAH, SOHRAB, CA
[72] AGUIRRE-HERNANDEZ, ROSALIA, CA
[72] PRENTICE, LEAH, CA
[72] FRANCHINI, PATRICK, CA
[72] KHATTRA, JASWINDER SINGH, CA
[72] HE, TONG, CA
[71] CONTEXTUAL GENOMICS INC., CA
[85] 2018-02-23
[86] 2016-09-23 (PCT/IB2016/055722)
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[25] EN
[54] **APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE**
[72] TAKANO, HIROAKI, JP
[71] SONY CORPORATION, JP
[85] 2018-02-23
[86] 2016-06-09 (PCT/JP2016/067158)
[87] (WO2017/038192)
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[25] EN
[54] **TILT WINGED MULTIROTOR**
[54] **ROTORS MULTIPLES A AILETTES INCLINEES**
[72] AMIT, REGEV, IL
[71] AMIT, REGEV, IL
[85] 2018-02-23
[86] 2015-08-31 (PCT/IL2015/050874)
[87] (WO2016/035068)
[30] IL (234443) 2014-09-02

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[51] **Int.Cl. A01C 5/06 (2006.01) A01B 49/06 (2006.01) A01C 7/00 (2006.01)**
[25] EN
[54] **RESIDUE MANAGEMENT TOOL FOR SEEDERS**
[54] **OUTIL DE TRAITEMENT DE RESIDUS POUR SEMOIRS**
[72] BEAUJOT, PATRICK M., CA
[72] DEAN, BRIAN F., CA
[72] MELANSON, BARRY K., CA
[72] FAFARD, KURTIS M., CA
[71] ONE PASS IMPLEMENTS INC., CA
[85] 2018-02-23
[86] 2016-08-25 (PCT/CA2016/051003)
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[25] EN
[54] **ROOFING MATERIAL**
[54] **MATERIAU DE COUVERTURE**
[72] VERHOFF, JONATHAN M., US
[72] VANHOUTEN, DESMOND JOHN, US
[72] SCHWEIGER, SCOTT WILLIAM, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2018-02-22
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[30] US (62/208,936) 2015-08-24

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[51] **Int.Cl. A61C 13/113 (2006.01) A61C 13/007 (2006.01) A61K 6/093 (2006.01)**
[25] EN
[54] **STANDARD DENTAL PLATE, STANDARD DENTURE, DENTURE FABRICATION KIT AND DENTURE FABRICATION METHOD**
[54] **PLAQUE DENTAIRE STANDARD, DENTIER STANDARD, TROUSSE DE FABRICATION DE DENTIER ET METHODE DE FABRICATION DE DENTIER**
[72] NAKASHIMA, KEI, JP
[72] YAMAZAKI, TATSUYA, JP
[72] GYAKUSHI, AYUMU, JP
[72] HITOMI, MIKI, JP
[72] MATSUSHIGE, KOJI, JP
[72] HASHIGUCHI, MASANAO, JP
[71] TOKUYAMA DENTAL CORPORATION, JP
[85] 2018-02-23
[86] 2016-08-26 (PCT/JP2016/074934)
[87] (WO2017/034017)
[30] JP (2015-167534) 2015-08-27
[30] JP (2015-167535) 2015-08-27
[30] JP (2015-169995) 2015-08-31
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[54] **HANGING MEMBER**
[54] **ELEMENT DE SUSPENSION**
[72] KRAKE, KELLY R., CA
[72] TOUSIGNANT, LIETTE, CA
[72] KURTZ, MICHAEL, CA
[71] UNDER THE ROOF DECORATING INC., CA
[85] 2018-02-23
[86] 2016-08-31 (PCT/CA2016/051024)
[87] (WO2017/035647)
[30] US (14/842,024) 2015-09-01
[30] US (14/842,128) 2015-09-01
[30] US (14/960,980) 2015-12-07
[30] US (15/185,889) 2016-06-17
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[25] EN
[54] **CONTAINER HOLDING MEMBER AND MEDICAL CONTAINER SET**
[54] **ELEMENT PORTE-RECIPIENTS ET ENSEMBLE DE RECIPIENTS MEDICAUX**
[72] KAWAMURA, HIDEAKI, JP
[71] DAIKYO SEIKO, LTD., JP
[85] 2018-02-23
[86] 2016-08-31 (PCT/JP2016/075510)
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[30] JP (2015-174900) 2015-09-04

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[25] EN
[54] **SYSTEM AND METHOD FOR TESTING A FIRE SUPPRESSION SYSTEM**
[54] **SYSTEME ET PROCEDE DE TEST DE SYSTEME D'EXTINCTION D'INCENDIE**
[72] ALEXANDER, RICHARD F., US
[72] ALEXANDER, IAN R., US
[72] KARP, LAWRENCE L., US
[71] LUND FIRE PRODUCTS CO. INC., US
[85] 2018-02-23
[86] 2015-09-04 (PCT/US2015/048725)
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[30] US (14/479,261) 2014-09-05

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[25] EN
[54] **SPOT WELDING METHOD**
[54] **PROCEDE DE SOUDAGE PAR POINTS**
[72] YOSHINAGA, CHISATO, JP
[72] MIYAZAKI, YASUNOBU, JP
[72] HAYASHI, KUNIO, JP
[72] KAWATA, HIROYUKI, JP
[72] YASUYAMA, MASANORI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-02-23
[86] 2016-09-02 (PCT/JP2016/075839)
[87] (WO2017/038981)
[30] JP (2015-173665) 2015-09-03
[30] JP (2015-173749) 2015-09-03

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[25] EN
[54] **APPARATUS AND METHOD FOR ORIENTING A BEVERAGE CONTAINER END CLOSURE AND APPLYING INDICIA IN A PREDETERMINED LOCATION**
[54] **APPAREIL ET PROCEDE PERMETTANT D'ORIENTER UN COUVERCLE DE RECIPIENT DE BOISSON ET D'APPLIQUER DES INDICES A UN EMPLACEMENT PREDETERMINE**
[72] ELLEFSON, DEAN C., US
[72] ARCHER, EDWARD D., US
[72] CONINGSBY, GREGG, US
[71] BALL CORPORATION, US
[85] 2018-02-23
[86] 2016-05-16 (PCT/US2016/032736)
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[30] US (14/844,789) 2015-09-03

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[25] EN
[54] **POLYPEPTIDE CARRIER FOR PRESENTING TARGET POLYPEPTIDE AND USES THEREOF**
[54] **POLYPEPTIDE SUPPORT POUR LA PRESENTATION D'UN POLYPEPTIDE CIBLE ET UTILISATIONS ASSOCIEES**
[72] ZHANG, TIANYING, CN
[72] YUAN, QUAN, CN
[72] GUO, XUERAN, CN
[72] ZHANG, YING, CN
[72] ZHAO, QINJIAN, CN
[72] ZHANG, JUN, CN
[72] XIA, NINGSHAO, CN
[71] XIAMEN UNIVERSITY, CN
[71] XIAMEN INNOVAX BIOTECH CO., LTD., CN
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[30] CN (201510523187.8) 2015-08-25

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[51] **Int.Cl. H01L 33/64 (2010.01) F21K 9/20 (2016.01) F21K 9/232 (2016.01)**
[25] EN
[54] **MULTILEVEL LIGHT EMITTING LED SUBSTRATE, PACKAGE AND BULB**
[54] **SUBSTRAT ET BOITIER DE DEL A EMISSION DE LUMIERE A PLUSIEURS NIVEAUX ET AMPOULE**
[72] GE, TIEHAN, CN
[71] GE, TIEHAN, CN
[85] 2018-02-23
[86] 2016-09-07 (PCT/CN2016/098299)
[87] (WO2017/041709)
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[25] EN
[54] **SYSTEM AND METHOD FOR ADMINISTERING LIGHT THERAPY TO CURVED AND LARGE SURFACES**
[54] **SYSTEME ET PROCEDE POUR L'ADMINISTRATION D'UNE PHOTOTHERAPIE POUR SURFACES COURBEES ET LARGES**
[72] SHAFIRSTEIN, GAL, US
[72] WRAZEN, BRIAN, US
[72] BELLNIER, DAVID A., US
[72] DEMMY, TODD, US
[71] HEALTH RESEARCH, INC., US
[85] 2018-02-23
[86] 2016-07-25 (PCT/US2016/043957)
[87] (WO2017/015676)
[30] US (62/196,198) 2015-07-23

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[51] **Int.Cl. A61N 5/067 (2006.01) A61N 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING LIGHT DOSE TO TISSUE**
[54] **SYSTEME ET PROCEDE D'ADMINISTRATION D'UNE LUMIERE DOSEE A UN TISSU**
[72] SHAFIRSTEIN, GAL, US
[72] WRAZEN, BRIAN, US
[72] RIGUAL, NESTOR, US
[71] HEALTH RESEARCH, INC., US
[85] 2018-02-23
[86] 2016-07-25 (PCT/US2016/043944)
[87] (WO2017/015674)
[30] US (62/196,290) 2015-07-23

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[51] **Int.Cl. H04L 9/14 (2006.01) G06Q 20/38 (2012.01) G06F 21/31 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENHANCED VALIDATION OF CRYPTOGRAMS IN CLOUD-BASED SYSTEMS**
[54] **PROCEDE ET SYSTEME D'AMELIORATION DE VALIDATION DE CRYPTOGRAMMES DANS DES SYSTEMES A BASE DE NUAGE**
[72] COLLINGE, MEHDI, BE
[72] WARD, MICHAEL CHRISTOPHER, GB
[72] JANSEN, SANDRA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-02-23
[86] 2016-08-15 (PCT/US2016/046993)
[87] (WO2017/044254)
[30] US (62/210,659) 2015-08-27
[30] US (14/985,664) 2015-12-31

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[51] **Int.Cl. B29C 67/00 (2017.01)**
[25] EN
[54] **A COMBINATION MANIFOLD AND VALVE HOUSING FOR A MANIFOLD BANK MADE BY AN ADDITIVE MANUFACTURING METHOD**
[54] **BOITIER DE COLLECTEUR ET VALVE COMBINE POUR BANC DE COLLECTEURS OBTENU PAR UN PROCEDE DE FABRICATION ADDITIVE**
[72] WEICKEL, SCOTT ALLEN, US
[72] ATKIN, BRADLY JOE, US
[72] GRANSDEN, SHANE MICHAEL, US
[71] ASCO, L.P., US
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[51] **Int.Cl. F15B 13/08 (2006.01)**
[25] EN
[54] **COMBINATION MANIFOLD BLOCK, VALVE HOUSING AND SPOOL VALVE ASSEMBLY FOR A MANIFOLD BANK**
[54] **COMBINAISON DE BLOC COLLECTEUR, DE BOITIER DE SOUPAPE ET D'ENSEMBLE TIROIR DE COMMANDE POUR BLOC COLLECTEUR**
[72] WEICKEL, SCOTT ALLEN, US
[72] ATKIN, BRADLY JOE, US
[72] GRANSDEN, SHANE MICHAEL, US
[71] ASCO, L.P., US
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[25] EN
[54] **COLLOCATED COIL ANTENNAS INCORPORATING A SYMMETRIC SOFT MAGNETIC BAND**
[54] **ANTENNES A CADRE COLOCALISEES INCORPORANT UNE BANDE MAGNETIQUE DOUCE SYMETRIQUE**
[72] MA, JIN, SG
[72] WILSON, GLENN ANDREW, SG
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-23
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[51] **Int.Cl. A01N 43/653 (2006.01) A01N 43/78 (2006.01) C07D 249/08 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES A USAGE PESTICIDE, ET INTERMEDIAIRES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] GIAMPIETRO, NATALIE C., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-23
[86] 2016-08-19 (PCT/US2016/047687)
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[25] EN
[54] **ANGLED WALL CONNECTOR BRACKET**
[54] **SUPPORT DE CONNECTEUR POUR PAROI ANGULAIRE**
[72] GOSLING, GEOFF, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, INC., US
[85] 2018-02-22
[86] 2017-06-08 (PCT/US2017/036511)
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[25] EN
[54] **SYSTEMS METHODS AND DEVICES FOR MEMORY ANALYSIS AND VISUALIZATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS D'ANALYSE ET DE VISUALISATION D'UNE MEMOIRE**
[72] WALTERS, AARON, US
[72] LIGH, MICHAEL, US
[72] ADAIR, STEVEN, US
[71] VOLEXITY, LLC, US
[85] 2018-02-23
[86] 2016-08-18 (PCT/US2016/047564)
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[30] US (62/209,456) 2015-08-25

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[25] EN
[54] **SECURITY FOR ELECTRONIC TRANSACTIONS AND USER AUTHENTICATION**
[54] **SECURITE POUR TRANSACTIONS ELECTRONIQUES ET AUTHENTIFICATION D'UTILISATEUR**
[72] STEINMAN, ROBERT J., US
[72] DIAZ, LESTER F., US
[72] AUFSEESER, MADELINE K., US
[71] TENDER ARMOR, LLC, US
[85] 2018-02-23
[86] 2016-01-06 (PCT/US2016/012292)
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[25] EN
[54] **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDE, ET LEURS INTERMEDIAIRES, COMPOSITIONS ET PROCEDES**
[72] GIAMPIETRO, NATALIE C., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] DEMETER, DAVID A., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048620)
[87] (WO2017/040191)
[30] US (62/214,325) 2015-09-04
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[54] **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDE, ET LEURS INTERMEDIAIRES, COMPOSITIONS ET PROCEDES**
[72] GIAMPIETRO, NATALIE C., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] DEMETER, DAVID A., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048633)
[87] (WO2017/040194)
[30] US (62/214345) 2015-09-04
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[25] EN
[54] **PHARMACEUTICALLY ACCEPTABLE SALTS OF .BETA.-GUANIDINOPROPIONIC ACID WITH IMPROVED PROPERTIES AND USES THEREOF**
[54] **SELS PHARMACEUTIQUEMENT ACCEPTABLES D'ACIDE BETA-GUANIDINOPROPIONIQUE AYANT DES PROPRIETES AMELIOREES ET UTILISATIONS DE CEUX-CI**
[72] MARTINEZ, EDUARDO J., US
[72] GRILL, ANDREAS G., US
[72] SINGH, ANIRUDDH, US
[72] KAVURU, PADMINI, US
[71] RGENIX, INC., US
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048643)
[87] (WO2017/035331)
[30] US (62/209,624) 2015-08-25

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[25] EN
[54] **METHODS FOR STEM CELL TRANSPLANTATION**
[54] **PROCEDES POUR LA TRANSPLANTATION DE CELLULES SOUCHES**
[72] LAMB, LAWRENCE S., US
[72] MINEISHI, SHIN, US
[72] SAAD, AYMAN, US
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048738)
[87] (WO2017/035375)
[30] US (62/209,721) 2015-08-25

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[51] **Int.Cl. A42B 3/00 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **HELMET DAMPENING FIT SYSTEM**
[54] **SYSTEME D'AJUSTEMENT D'AMORTISSEMENT DE CASQUE**
[72] PRITZ, BEN D., US
[71] BELL SPORTS, INC., US
[85] 2018-02-23
[86] 2016-08-23 (PCT/US2016/048240)
[87] (WO2017/035167)
[30] US (14/833,779) 2015-08-24

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[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SYRINGE FLUID FILL VERIFICATION AND IMAGE RECOGNITION OF POWER INJECTOR SYSTEM FEATURES**
[54] **SYSTEME ET PROCEDE POUR LA VERIFICATION DU REMPLISSAGE PAR UN FLUIDE D'UNE SERINGUE ET DE RECONNAISSANCE D'IMAGE DE CARACTERISTIQUES D'UN SYSTEME D'INJECTEUR DE PUISSANCE**
[72] COWAN, KEVIN P., US
[72] SPOHN, MICHAEL A., US
[72] MCDERMOTT, MICHAEL, US
[72] GRUBIC, HERBERT M., US
[71] BAYER HEALTHCARE LLC, US
[85] 2018-02-23
[86] 2016-08-24 (PCT/US2016/048441)
[87] (WO2017/040152)
[30] US (62/211,462) 2015-08-28
[30] US (62/259,824) 2015-11-25

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[51] **Int.Cl. C11B 3/00 (2006.01) A23D 9/02 (2006.01) C11B 3/10 (2006.01) C11B 3/14 (2006.01)**
[25] EN
[54] **REFINED OIL COMPOSITIONS AND METHODS FOR MAKING**
[54] **COMPOSITIONS D'HUILE RAFFINEE ET PROCEDES DE FABRICATION ASSOCIES**
[72] STEFANSKI, MICHAEL LENN, US
[72] TABAYEHNEJAD, NASRIN, US
[72] LUIGART, CHRIS CONNOR, US
[71] DSM IP ASSETS B.V., NL
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048781)
[87] (WO2017/035403)
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[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/00 (2006.01) A61M 5/142 (2006.01) A61M 5/178 (2006.01) A61M 5/30 (2006.01) A61M 5/307 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SYRINGE FLUID FILL VERIFICATION AND IMAGE RECOGNITION OF POWER INJECTOR SYSTEM FEATURES**
[54] **SYSTEME ET PROCEDE POUR LA VERIFICATION DU REMPLISSAGE PAR UN FLUIDE D'UNE SERINGUE ET DE RECONNAISSANCE D'IMAGE DE CARACTERISTIQUES D'UN SYSTEME D'INJECTEUR DE PUISSANCE**
[72] COWAN, KEVIN P., US
[72] SPOHN, MICHAEL A., US
[72] MCDERMOTT, MICHAEL, US
[72] GRUBIC, HERBERT M., US
[72] PHALEN, HENRY, US
[71] BAYER HEALTHCARE LLC, US
[85] 2018-02-23
[86] 2016-08-24 (PCT/US2016/048445)
[87] (WO2017/040154)
[30] US (62/211,462) 2015-08-28
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[51] **Int.Cl. A61K 49/00 (2006.01) A61K 31/00 (2006.01) A61K 31/165 (2006.01) A61K 31/167 (2006.01) A61M 19/00 (2006.01)**
[25] EN
[54] **DEVICES, KITS, AND METHODS FOR DETERMINING INEFFECTIVENESS OF ANESTHETICS**
[54] **DISPOSITIFS, KITS ET PROCEDES POUR DETERMINER L'INEFFICACITE D'ANESTHESIQUES**
[72] SEGAL, MICHAEL M., US
[71] ALKALIDX, INC., US
[85] 2018-02-23
[86] 2016-08-26 (PCT/US2016/048990)
[87] (WO2017/035470)
[30] US (62/210,747) 2015-08-27

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[13] A1
[51] **Int.Cl. G06M 11/04 (2006.01) A61K 35/18 (2015.01) B03C 1/02 (2006.01) C12M 1/34 (2006.01) G01N 27/72 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR MULTI-STEP CELL PURIFICATION AND CONCENTRATION**
[54] **PROCEDES ET DISPOSITIFS DE PURIFICATION ET DE CONCENTRATION DE CELLULES MULTI-ETAPES**
[72] WARD, ANTHONY, US
[72] GANDHI, KHUSHROO, US
[72] SKELLEY, ALISON, US
[72] CIVIN, CURT, US
[72] STURM, JAMES, US
[72] AURICH, LEE, US
[72] GRISHAM, MICHAEL, US
[72] D'SILVA, JOSEPH, US
[72] CAMPOS-GONZALEZ, ROBERTO, US
[71] GPB SCIENTIFIC, LLC, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2018-02-23
[86] 2016-08-24 (PCT/US2016/048455)
[87] (WO2017/035262)
[30] US (62/209,246) 2015-08-24
[30] US (62/233,915) 2015-09-28
[30] US (62/274,031) 2015-12-31
[30] US (62/324,293) 2016-04-18
[30] US (62/337,273) 2016-05-16

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[13] A1
[51] **Int.Cl. A61M 39/06 (2006.01) A61B 17/34 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **HEMOSTATIC VALVE FOR MEDICAL DEVICE INTRODUCER**
[54] **VALVE HEMOSTATIQUE POUR DISPOSITIF D'INTRODUCTION DE DISPOSITIF MEDICAL**
[72] FANTUZZI, GLEN R., US
[72] MRAZ, DION, US
[71] ABIOMED, INC., US
[85] 2018-02-23
[86] 2016-08-24 (PCT/US2016/048459)
[87] (WO2017/035264)
[30] US (62/209,288) 2015-08-24

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[13] A1
[51] **Int.Cl. C07C 11/167 (2006.01) C07C 5/48 (2006.01)**
[25] EN
[54] **STAGED PRESSURE FOR BUTADIENE REACTORS TO ENHANCE ENERGY RECOVERY**
[54] **PRESSION ECHELONNEE POUR REACTEURS DE BUTADIENE AFIN D'AMELIORER LA RECUPERATION D'ENERGIE**
[72] SENETAR, JOHN J., US
[72] HORN, JILLIAN MARIE, US
[71] UOP LLC, US
[71] TPC GROUP, LLC, US
[85] 2018-02-23
[86] 2016-08-25 (PCT/US2016/048529)
[87] (WO2017/040165)
[30] US (62/211,781) 2015-08-29

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[51] **Int.Cl. G08G 1/0968 (2006.01) G08G 1/123 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR VEHICLE MONITORING AND PLATOONING**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE SURVEILLANCE ET DE MISE EN CONVOI DE VEHICULES**
[72] SWITKES, JOSHUA P., US
[72] LYONS, DAVID FREDERICK, US
[72] PRICE, CHARLES A., US
[72] STANEK, GANYMED, US
[72] SCHUH, AUSTIN, US
[72] O'CONNOR, MICHAEL, US
[72] SMARTT, BRIAN, US
[72] GERDES, JOSEPH CHRISTIAN, US
[71] SWITKES, JOSHUA P., US
[71] LYONS, DAVID FREDERICK, US
[71] PRICE, CHARLES A., US
[71] STANEK, GANYMED, US
[71] PELOTON TECHNOLOGY, INC., US
[85] 2018-02-23
[86] 2016-08-26 (PCT/US2016/049143)
[87] (WO2017/035516)
[30] US (62/210,374) 2015-08-26
[30] US (62/249,898) 2015-11-02
[30] US (62/343,819) 2016-05-31
[30] US (62/363,192) 2016-07-15
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[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **A CENTRALIZING AND PROTECTIVE ADAPTER FOR DOWNHOLE TORCH AND METHOD OF USE**
[54] **ADAPTATEUR DE PROTECTION ET DE CENTRALISATION DESTINE A UNE TORCHE DE FOND DE TROU ET PROCEDE D'UTILISATION**
[72] ROBERTSON, MICHAEL C., US
[72] GRATTAN, ANTONY F., US
[72] STREIBICH, DOUGLAS J., US
[72] STEPHENS, AMY, US
[72] BOELTE, WILLIAM F., US
[72] HUGGINS, CORY, US
[71] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
[85] 2018-02-23
[86] 2016-08-29 (PCT/US2016/049321)
[87] (WO2017/035537)
[30] US (62/210,937) 2015-08-27
[30] US (14/930,369) 2015-11-02
[30] US (15/147,755) 2016-05-05
[30] US (15/237,438) 2016-08-15
[30] US (15/250,771) 2016-08-29

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[51] **Int.Cl. G01J 3/26 (2006.01) B81B 7/00 (2006.01) G01J 3/28 (2006.01)**
[25] EN
[54] **PROXIMITY FOCUS IMAGING INTERFEROMETER**
[54] **INTERFEROMETRE D'IMAGERIE A FOYER DE PROXIMITE**
[72] ZYWICKI, RANDALL W., GB
[72] MANN, DAVID C., US
[72] CROPPER, ANDRE D., US
[71] RAYTHEON COMPANY, US
[85] 2018-02-23
[86] 2016-09-15 (PCT/US2016/051991)
[87] (WO2017/087061)
[30] US (14/947,238) 2015-11-20

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[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **PLURIPOTENT STEM CELL MANUFACTURING SYSTEM AND METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS**
[54] **SYSTEME DE PRODUCTION DE CELLULES SOUCHES PLURIPOTENTES, ET PROCEDE DE PRODUCTION DE CELLULES SOUCHES PLURIPOTENTES INDUITES**
[72] KELLY, BRENDAN, US
[72] SUTO, KENTA, US
[72] TANABE, KOJI, US
[71] I PEACE, INC., US
[71] TANABE, KOJI, US
[85] 2018-02-23
[86] 2016-08-30 (PCT/US2016/049530)
[87] (WO2017/040548)
[30] JP (2015-170797) 2015-08-31
[30] US (62/356,199) 2016-06-29

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[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/03 (2006.01)**
[25] EN
[54] **PROGRAMMABLE FEED-FORWARD REGULATION**
[54] **REGULATION A ACTION DIRECTE PROGRAMMABLE**
[72] CARCAMO OLMOS, ELISEO, MX
[72] LARA, LUIS MANUEL LEON, US
[71] OSRAM SYLVANIA INC., US
[85] 2018-02-23
[86] 2016-09-27 (PCT/US2016/054017)
[87] (WO2017/054010)
[30] US (62/233,410) 2015-09-27

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[13] A1
[51] **Int.Cl. F21V 5/00 (2018.01) F21S 8/02 (2006.01)**
[25] EN
[54] **FORMED CELLULAR LIGHTING ELEMENTS AND LIGHTING DEVICES INCLUDING THE SAME**
[54] **ELEMENTS D'ECLAIRAGE CELLULAIRE FORMES ET DISPOSITIFS D'ECLAIRAGE LES INCLUANT**
[72] RADL, BRUCE, US
[72] WANG, ZHUO, US
[72] HARRIOTT, DOUGLAS, US
[71] OSRAM SYLVANIA INC., US
[85] 2018-02-23
[86] 2016-09-29 (PCT/US2016/054562)
[87] (WO2017/059148)
[30] US (62/234,138) 2015-09-29
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[54] **ROTARY PARTS FOR A SLURRY PUMP**
[54] **PIECES ROTATIVES POUR UNE POMPE A BOUE**
[72] LODERER, PAVOL, GB
[72] WALKER, CRAIG IAN, AU
[71] WEIR MINERALS AUSTRALIA LTD, AU
[71] WEIR MINERALS EUROPE LIMITED, GB
[85] 2018-02-26
[86] 2016-08-26 (PCT/AU2016/050798)
[87] (WO2017/031550)
[30] AU (2015903450) 2015-08-26

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[25] EN
[54] **COMPOSITION FOR CAPTURE, REMOVAL AND RECOVERY OF CHEMICAL SUBSTANCES, COMPOUNDS AND MIXTURES**
[54] **COMPOSITION POUR LA CAPTURE, L'ELIMINATION ET LA RECUPERATION DE SUBSTANCES, DE COMPOSES ET DE MELANGES CHIMIQUES**
[72] WECHTER, STEPHEN, US
[71] WECHTER, STEPHEN, US
[85] 2018-02-23
[86] 2016-08-31 (PCT/US2016/049564)
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[30] US (62/213,170) 2015-09-02

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[25] EN
[54] **PROCESSES AND SYSTEMS FOR CATALYTIC MANUFACTURE OF WAX ESTER DERIVATIVES**
[54] **PROCEDES ET SYSTEMES DE FABRICATION CATALYTIQUE DE DERIVES D'ESTER DE CIRE**
[72] ADDY, JEFF, US
[72] DALY, CLAY, US
[72] BROWN, JAMES H., US
[71] INTERNATIONAL FLORA TECHNOLOGIES, LTD., US
[85] 2018-02-23
[86] 2016-08-31 (PCT/US2016/049782)
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[51] **Int.Cl. A61B 6/02 (2006.01) A61B 90/00 (2016.01) A61B 6/12 (2006.01)**
[25] EN
[54] **METHOD FOR 3D IMAGING OF MECHANICAL ASSEMBLIES TRANSPLANTED INTO MAMMALIAN SUBJECTS**
[54] **PROCEDE POUR IMAGERIE EN TROIS DIMENSIONS D'ENSEMBLES MECANIQUES TRANSPLANTES DANS DES SUJETS MAMMIFERES**
[72] GIPHART, JOHAN ERIK, CA
[72] GAGNON, YANN, CA
[71] HALIFAX BIOMEDICAL INC., CA
[85] 2018-02-26
[86] 2016-08-31 (PCT/CA2016/051025)
[87] (WO2017/035648)
[30] US (62/212,265) 2015-08-31

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[25] EN
[54] **MOVEABLE INTERFACE BETWEEN A STEPPER AND A STABILIZER**
[54] **INTERFACE MOBILE ENTRE UN MOTEUR PAS-A-PAS ET UN STABILISATEUR**
[72] SHAN, DANDAN, CA
[72] BAX, JEFFREY, CA
[72] LA, CHICUONG, CA
[71] FOCAL HEALTHCARE INC., CA
[85] 2018-02-26
[86] 2016-08-26 (PCT/CA2016/051015)
[87] (WO2017/031600)
[30] US (62/210,637) 2015-08-27

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[25] EN
[54] **LOAD CONTROL DEVICE FOR HIGH-EFFICIENCY LOADS**
[54] **DISPOSITIF DE CONTROLE DE CHARGE POUR CHARGES A HAUTE EFFICACITE**
[72] MACADAM, RUSSELL L., US
[72] PARENT, JOSEPH T., US
[72] WEIGHTMAN, RUSSELL, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-02-23
[86] 2016-09-02 (PCT/US2016/050227)
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[54] **SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE**
[72] BERRELL, IAN PATRICK, DE
[71] BERRELL, IAN PATRICK, DE
[85] 2018-02-26
[86] 2016-08-26 (PCT/IB2016/055109)
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[25] EN
[54] **SHOE CONVERTIBLE FROM A CONVENTIONAL SHOE INTO A SAFETY SHOE WITH A CASING**
[54] **CHAUSSURE POUVANT PASSER D'UNE CHAUSSURE CLASSIQUE A UNE CHAUSSURE DE SECURITE AVEC EMBOUT**
[72] ISLAS MARES, OCTAVIO AUGUSTO, MX
[71] ISLAS MARES, OCTAVIO AUGUSTO, MX
[85] 2018-02-26
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[51] **Int.Cl. H01R 24/76 (2011.01) H02G 1/14 (2006.01)**
[25] EN
[54] **ELECTRICAL PLUG**
[54] **FICHE ELECTRIQUE**
[72] CHEN, ZHIQING, US
[72] ZHAO, CHANGCHUN, US
[72] TOH, MUI LIAN JESSICA, US
[71] VOLEX PLC, US
[85] 2018-02-26
[86] 2015-11-20 (PCT/US2015/062001)
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[30] US (62/083,119) 2014-11-21

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[51] **Int.Cl. C07C 5/13 (2006.01)**
[25] EN
[54] **FUELS AND FUEL ADDITIVES THAT HAVE HIGH BIOGENIC CONTENT DERIVED FROM RENEWABLE ORGANIC FEEDSTOCK**
[54] **CARBURANTS ET ADDITIFS DE CARBURANT QUI PRESENTENT UNE TENEUR ELEVEE EN COMPOSES BIOGENES, DERIVES D'UNE CHARGE D'ALIMENTATION ORGANIQUE RENOUVELABLE**
[72] LUCAS, STEPHEN H., US
[72] TIVERIOS, PETER G., US
[72] RICH, LEWIS L., US
[71] FULCRUM BIOENERGY, INC., US
[85] 2018-02-26
[86] 2015-12-29 (PCT/US2015/067950)
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[51] **Int.Cl. A61K 31/44 (2006.01) A61K 31/715 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR THE TREATMENT OF HYPOXIA-RELATED DISEASES**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES DE TRAITEMENT DE MALADIES LIEES A L'HYPOXIE**
[72] APPELBAUM, JERACHMIEL YORI, IL
[71] APPELBAUM, JERACHMIEL YORI, IL
[85] 2018-02-23
[86] 2016-09-13 (PCT/US2016/051482)
[87] (WO2017/035542)
[30] US (62/208,914) 2015-08-24

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[51] **Int.Cl. G11C 11/44 (2006.01) G11C 11/16 (2006.01)**
[25] EN
[54] **SUPERCONDUCTING PHASE-CONTROLLED HYSTERETIC MAGNETIC JOSEPHSON JUNCTION JMRAM MEMORY CELL**
[54] **CELLULE DE MEMOIRE VIVE MAGNETIQUE DE TYPE JOSEPHSON A JONCTION JOSEPHSON MAGNETIQUE A HYSTERESIS A COMMANDE DE PHASE SUPRACONDUCTRICE**
[72] MILLER, DONALD L., US
[72] MIKLICH, ANDREW HOSTETLER, US
[72] HERR, ANNA Y., US
[72] HERR, QUENTIN P., US
[72] REOHR, WILLIAM ROBERT, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-02-26
[86] 2016-08-24 (PCT/US2016/048422)
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[25] EN
[54] **CONTAINER LID ASSEMBLY AND INSERT CONSTRUCTIONS**
[54] **ENSEMBLE COUVERCLE DE RECIPIENT ET STRUCTURES DE GARNITURE**
[72] SAVENOK, PAVEL, US
[71] SAVENOK, PAVEL, US
[85] 2018-02-26
[86] 2016-08-26 (PCT/US2016/048815)
[87] (WO2017/035421)
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[51] **Int.Cl. A61L 2/04 (2006.01) A61L 2/24 (2006.01) C02F 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLUID STERILIZATION**
[54] **SYSTEME ET PROCEDE DE STERILISATION DE FLUIDE**
[72] PAPADOPOULOS, MICHAEL, US
[72] PAPADOPOULOS, CHRISTIAN, US
[72] PAPADOPOULOS, MARK, US
[72] LEWIS, JAMES RAY, US
[71] PAPADOPOULOS, MICHAEL, US
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[30] US (62/211,576) 2015-08-28

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[54] **SMOKING ARTICLE**
[54] **ARTICLE POUR FUMEURS**
[72] BEESON, DWAYNE WILLIAM, US
[72] CONNER, BILLY T., US
[72] CROOKS, EVON LLEWELLYN, US
[72] HOERTZ, PAUL G., US
[72] MONSALUD, LUIS, US
[72] MUA, JOHN-PAUL, US
[72] TILLEY, TIMOTHY F., US
[72] COLE, STEPHEN, US
[72] WILLIAMS, DARRELL D., US
[72] WHITE, SAMANTHA S., US
[72] WALLACE, KAREN WOMBLE, US
[72] GONZALEZ-PARRA, ALVARO, US
[72] PU, YAN, US
[72] DAVIS, MICHAEL F., US
[72] LAMPE, MATTHEW E., US
[72] YUTZY, KARTER R., US
[72] WATSON, NICHOLAS HARRISON, US
[71] R. J. REYNOLDS TOBACCO COMPANY, US
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[51] **Int.Cl. A61K 36/87 (2006.01) A61K 36/79 (2006.01) A61K 36/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ACUTELY RAISING NITIC OXIDE LEVELS**
[54] **COMPOSITIONS ET PROCEDES POUR AUGMENTER FORTEMENT LES TENEURS EN OXYDE NITRIQUE**
[72] TRIPP, MATTHEW L., US
[72] DAHLBERG, CLINTON J., US
[72] BABISH, JOHN G., US
[72] KAADIGE, MOHAN, US
[72] GAO, WEI, US
[71] NATURE'S SUNSHINE PRODUCTS, INC., US
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[86] 2016-08-29 (PCT/US2016/049306)
[87] (WO2017/040421)
[30] US (62/211,673) 2015-08-28

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[51] **Int.Cl. B64C 27/33 (2006.01) F03D 3/06 (2006.01)**
[25] EN
[54] **"AIR WHEEL" ROTOR. GYRO-STABILIZED AIRCRAFT AND WIND-ENERGY INSTALLATION UTILIZING "AIR WHEEL" ROTOR, AND GROUND-BASED OR SHIP-BASED DEVICE FOR LAUNCHING SAME**
[54] **ROTOR DE TYPE ROUE AERIENNE, AERONEF A STABILISATION GYROSCOPIQUE ET INSTALLATION EOLIENNE UTILISANT LE ROTOR DE TYPE ROUE AERIENNE, ET DISPOSITIF AU SOL/EMBARQUE POUR LEUR LANCEMENT**
[72] KUZIKOV, SERGEJ YUREVICH, RU
[71] KUZIKOV, SERGEJ YUREVICH, RU
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[25] EN
[54] **CHROMIUM-BASED COATING, A METHOD FOR PRODUCING A CHROMIUM-BASED COATING AND A COATED OBJECT**
[54] **REVETEMENT A BASE DE CHROME, PROCEDE DE PRODUCTION D'UN REVETEMENT A BASE DE CHROME, ET OBJET REVETU**
[72] RAISA, JUSSI, FI
[71] SAVROC LTD, FI
[85] 2018-02-26
[86] 2016-09-08 (PCT/FI2016/050625)
[87] (WO2017/042438)
[30] FI (PCT/FI2015/050587) 2015-09-09

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[51] **Int.Cl. B60L 7/24 (2006.01) B60L 7/14 (2006.01) B60L 15/20 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE FOR ELECTRIC VEHICLE**
[54] **PROCEDE DE COMMANDE DE VEHICULE ELECTRIQUE, ET DISPOSITIF DE COMMANDE**
[72] KOMATSU, HIROYUKI, JP
[72] ITOU, KEN, JP
[72] NAKAJIMA, TAKASHI, JP
[72] KATSUMATA, YUUJI, JP
[72] SAWADA, AKIRA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-26
[86] 2016-08-10 (PCT/JP2016/073644)
[87] (WO2017/033753)
[30] JP (2015-167173) 2015-08-26

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[51] **Int.Cl. B65D 47/04 (2006.01) B65D 43/02 (2006.01) B65D 51/18 (2006.01)**
[25] EN
[54] **CONTAINER LID ASSEMBLIES FOR DIRECTING LIQUID FLOW**
[54] **ENSEMBLES COUVERCLES DE RECIPIENT POUR DIRIGER UN ECOULEMENT DE LIQUIDE**
[72] SAVENOK, PAVEL, US
[71] SAVENOK, PAVEL, US
[85] 2018-02-26
[86] 2016-09-09 (PCT/US2016/050871)
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[30] US (14/852,411) 2015-09-11

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[51] **Int.Cl. A23C 9/12 (2006.01) A23C 9/133 (2006.01) A23L 2/02 (2006.01) A23L 2/385 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **VISCOSITY REDUCTION OF BEVERAGES AND FOODS CONTAINING HIGH FIBER FRUIT AND VEGETABLE MATERIALS**
[54] **REDUCTION DE LA VISCOSITE DE BOISSONS ET D'ALIMENTS CONTENANT DES MATIERES A BASE DE FRUITS ET DE LEGUMES RICHES EN FIBRES**
[72] BRIJWANI, KHUSHAL, US
[72] HAVLIK, STEVEN E., US
[72] JORDAN, RACHEL L., US
[72] SCHUETTE, JOHN, US
[72] SHIN, JIN-E, US
[72] SONG, BRIAN, US
[71] TROPICANA PRODUCTS, INC., US
[85] 2018-02-26
[86] 2016-08-26 (PCT/US2016/048947)
[87] (WO2017/035458)
[30] US (62/210,261) 2015-08-26
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[25] EN
[54] **EVACUATED CORE CIRCUIT BOARD**
[54] **CARTE DE CIRCUIT IMPRIME A NOYAU SOUS VIDE**
[72] CONTARINO, ALDO, AU
[72] FREIBERG, MICHAEL, AU
[71] THIN THERMAL EXCHANGE PTE LTD, SG
[71] CONTARINO, ALDO, AU
[85] 2018-02-26
[86] 2016-08-26 (PCT/AU2016/000297)
[87] (WO2017/031528)
[30] AU (2015903457) 2015-08-26

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[25] EN
[54] **VISION STRENGTHENING METHODS AND SYSTEMS**
[54] **METHODES ET SYSTEMES DE RENFORCEMENT DE LA VISION**
[72] HESS, ROBERT F., CA
[72] FARIVAR-MOHSENI, REZA, CA
[72] REYNAUD, ALEXANDRE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[30] US (62/042,293) 2014-08-27

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[51] **Int.Cl. B62D 55/08 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR TRACTION D'UN VEHICULE**
[72] ZUCHOSKI, JEREMIE, CA
[71] CAMSO INC., CA
[85] 2018-02-26
[86] 2016-08-25 (PCT/CA2016/051004)
[87] (WO2017/031591)
[30] US (62/209,557) 2015-08-25
[30] US (62/293,024) 2016-02-09

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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/6336 (2011.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING OF VIDEO PARAMETERS AND INFORMATION ASSOCIATED WITH CAPTION SERVICES**
[54] **SYSTEMES ET PROCEDES DE SIGNALISATION DE PARAMETRES VIDEO ET D'INFORMATIONS ASSOCIEES A DES SERVICES DE TITRAGE**
[72] DESHPANDE, SACHIN G., US
[72] MISRA, KIRAN MUKESH, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-02-23
[86] 2016-09-02 (PCT/JP2016/004026)
[87] (WO2017/038103)
[30] US (62/214,866) 2015-09-04
[30] US (62/220,831) 2015-09-18
[30] US (62/239,956) 2015-10-11
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[30] US (62/270,540) 2015-12-21
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[51] **Int.Cl. B62D 55/04 (2006.01) A63C 5/00 (2006.01) A63C 5/035 (2006.01)**
[25] EN
[54] **SKI SYSTEM AND TRACK SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE SKI ET SYSTEME DE CHENILLE POUR UN VEHICULE**
[72] ZUCHOSKI, JEREMIE, CA
[72] JEAN, BERNARD, CA
[72] LAPLANTE, GUILLAUME, CA
[71] CAMSO INC., CA
[85] 2018-02-26
[86] 2016-08-25 (PCT/CA2016/051005)
[87] (WO2017/031592)
[30] US (62/209,557) 2015-08-25
[30] US (62/293,024) 2016-02-09

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[51] **Int.Cl. C01D 1/04 (2006.01) B01D 61/42 (2006.01) C01D 1/28 (2006.01) C01D 1/38 (2006.01) C01D 1/40 (2006.01) C22B 1/02 (2006.01) C22B 3/08 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING LITHIUM-CONTAINING MATERIALS**
[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX CONTENANT DU LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] CLAYTON, GENEVIEVE, CA
[72] BOUCHARD, PIERRE, CA
[72] OUELLET, BERTIN, CA
[71] NEMASKA LITHIUM INC., CA
[85] 2018-02-26
[86] 2016-08-26 (PCT/CA2016/051008)
[87] (WO2017/031595)
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/44 (2006.01) A61P 7/02 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **MOLECULAR CONSTRUCTS FOR PREVENTING THE FORMATION OF BLOOD CLOT AND/OR TREATING THROMBOSIS**
[54] **CONSTRUCTIONS MOLECULAIRES DESTINEES A PREVENIR LA FORMATION D'UN CAILLOT SANGUIN ET/OU A TRAITER LA THROMBOSE**
[72] CHANG, TSE-WEN, CN
[72] CHU, HSING-MAO, CN
[72] LIN, CHUN-YU, CN
[72] TIAN, WEI-TING, CN
[71] IMMUNWORK INC., CN
[85] 2018-02-26
[86] 2016-07-18 (PCT/CN2016/090296)
[87] (WO2017/036255)
[30] US (61/213,012) 2015-09-01
[30] CN (PCT/CN2016/071184) 2016-01-18
[30] US (62/308,349) 2016-03-15

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[25] EN
[54] **MOLECULAR CONSTRUCTS FOR TREATING REJECTION REACTION IN TRANSPLANTATION**
[54] **CONSTRUCTIONS MOLECULAIRES POUR LE TRAITEMENT D'UNE REACTION DE REJET AU COURS D'UNE TRANSPLANTATION**
[72] CHANG, TSE-WEN, CN
[72] CHU, HSING-MAO, CN
[72] LIN, CHUN-YU, CN
[72] TIAN, WEI-TING, CN
[72] DU, LI-YUN, CN
[71] IMMUNWORK INC., CN
[85] 2018-02-26
[86] 2016-09-01 (PCT/CN2016/097783)
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[25] EN
[54] **COMPOUNDS FOR TREATING AMYOTROPHIC LATERAL SCLEROSIS**
[54] **COMPOSES POUR LE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**
[72] MCCARTHY, KATHLEEN DOROTHY, CH
[72] METZGER, FRIEDRICH, CH
[72] RATNI, HASANE, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2018-02-26
[86] 2016-11-10 (PCT/EP2016/077190)
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[30] EP (15194294.3) 2015-11-12

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[54] **AN ELECTRICAL CONNECTION SYSTEM FOR USE IN HIGH POWER APPLICATIONS**
[54] **SYSTEME DE CONNEXION ELECTRIQUE DESTINE A ETRE UTILISE DANS DES APPLICATIONS HAUTE PUISSANCE**
[72] WILLIAMS, STEPHEN, AU
[71] CONNEC LIMITED, AU
[85] 2018-02-26
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[51] **Int.Cl. G01C 15/00 (2006.01) G01B 11/00 (2006.01) G01C 9/00 (2006.01)**
[25] EN
[54] **A LASER GUIDE DEVICE**
[54] **DISPOSITIF DE GUIDAGE LASER**
[72] BERRYMAN, KYLE, AU
[71] BERRYMAN, KYLE, AU
[85] 2018-02-26
[86] 2016-09-05 (PCT/AU2016/050837)
[87] (WO2017/035605)
[30] AU (2015903619) 2015-09-04

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[51] **Int.Cl. B65D 30/20 (2006.01) B65D 5/60 (2006.01) B65D 33/16 (2006.01) B65D 75/58 (2006.01) B65D 77/06 (2006.01)**
[25] EN
[54] **LINER FOR A VESSEL**
[54] **CHEMISAGE POUR UN RECIPIENT**
[72] GEORGELOS, PAUL N., US
[72] KASIMATIS, KOSMAS, US
[71] DS SMITH PLASTICS LIMITED, GB
[85] 2018-02-26
[86] 2016-08-25 (PCT/IB2016/001251)
[87] (WO2017/051231)
[30] US (62/211,301) 2015-08-28
[30] US (62/275,520) 2016-01-06
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[25] EN
[54] **METHOD FOR PRODUCING SWEETENER COMPOSITIONS AND SWEETENER COMPOSITIONS**
[54] **PROCEDE DE PRODUCTION DE COMPOSITIONS EDULCORANTES ET COMPOSITIONS EDULCORANTES**
[72] BANIEL, AVRAHAM, IL
[72] ZVIELY, MICHAEL, IL
[72] ELIYAHU, SHAY, IL
[72] GELBART, NOA, IL
[72] BANIEL, ERAN, IL
[72] ROMM, RONIT, IL
[72] MAGAL SANTANA, NADINE, IL
[72] TRACHTENBERG, ALEXANDER, IL
[71] DOUXMATOK LTD, IL
[85] 2018-02-26
[86] 2016-08-26 (PCT/IB2016/001284)
[87] (WO2017/037531)
[30] US (62/211,579) 2015-08-28
[30] US (62/236,829) 2015-10-02
[30] US (62/289,107) 2016-01-29

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[25] EN
[54] **ANIMAL ENCLOSURE**
[54] **ENCEINTE POUR ANIMAL**
[72] OLSSON, ASHLEY NORMAN, AU
[72] OLSSON, NATHANAEL DEAN, AU
[71] CHEYL PTY LTD AS TRUSTEE FOR ISAIAH 61 FAMILY TRUST, AU
[85] 2018-02-16
[86] 2016-04-28 (PCT/AU2016/050300)
[87] (WO2016/176722)
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[25] EN
[54] **MASTICATORY AND AIRWAY STABILIZING ORTHOTIC, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **ORTHESE DE MASTICATION ET DE STABILISATION DES VOIES RESPIRATOIRES, ET SYSTEMES ET METHODES ASSOCIES**
[72] YOUSEFIAN, JOSEPH, US
[71] YOUSEFIAN, JOSEPH, US
[85] 2018-02-23
[86] 2016-08-29 (PCT/US2016/049282)
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[25] EN
[54] **SWEETENER COMPOSITIONS AND FOODS, BEVERAGES, AND CONSUMABLE PRODUCTS MADE THEREOF**
[54] **COMPOSITIONS D'EDULCORANT, ET ALIMENTS, BOISSONS ET PRODUITS CONSOMMABLES CONSTITUES A PARTIR DE CELLES-CI**
[72] BANIEL, AVRAHAM, IL
[72] ZVIELY, MICHAEL, IL
[72] ELIYAHU, SHAY, IL
[72] GELBART, NOA, IL
[72] BANIEL, ERAN, IL
[72] ROMM, RONIT, IL
[72] MAGAL SANTANA, NADINE, IL
[72] TRACHTENBERG, ALEXANDER, IL
[72] HAR-TAL ELIYAHU, YAEL MIRIAM, IL
[71] DOUXMATOK LTD, IL
[85] 2018-02-26
[86] 2016-08-26 (PCT/IB2016/001322)
[87] (WO2017/072569)
[30] US (62/211,596) 2015-08-28
[30] US (62/236,830) 2015-10-02
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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 10/04 (2006.01)**
[25] EN
[54] **DEVICE FOR MANIPULATING FOREIGN BODIES IN HOLLOW ORGANS (VARIANTS)**
[54] **DISPOSITIF DE MANIPULATION DE CORPS ETRANGERS DANS DES ORGANES CREUX (VARIANTES)**
[72] HACHIN, VLADIMIR NIKOLAEVICH, RU
[72] HACHIN, STEPAN VLADIMIROVICH, RU
[71] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "SMET", RU
[85] 2017-04-27
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[25] EN
[54] **ENCAPSULATION**
[54] **ENCAPSULATION**
[72] ZHANG, HANWEI, US
[72] SCHWANTES, TODD ARLIN, US
[72] HOBART, KATIE ANN, US
[72] WILLIAMSON, DIANE JEAN, US
[71] ENCAPSYS, LLC, US
[85] 2017-11-27
[86] 2016-10-26 (PCT/US2016/058771)
[87] (WO2017/074995)
[30] US (62/246,805) 2015-10-27

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[51] **Int.Cl. H01R 13/62 (2006.01)**
[25] EN
[54] **AN ELECTRICAL CONNECTION SYSTEM FOR USE IN HIGH POWER APPLICATIONS**
[54] **SYSTEME DE CONNEXION ELECTRIQUE DESTINE A ETRE UTILISE DANS DES APPLICATIONS HAUTE PUISSANCE**
[72] WILLIAMS, STEPHEN, AU
[71] CONNEC LIMITED, AU
[85] 2018-02-26
[86] 2015-09-10 (PCT/AU2015/000562)
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[25] EN
[54] **CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE**
[72] OLIVER, JAMES, AU
[72] PAECH, SIMON BENJAMIN, AU
[71] OLITEK PTY LTD, AU
[85] 2018-02-26
[86] 2015-08-28 (PCT/AU2015/050503)
[87] (WO2017/035557)

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[51] **Int.Cl. C12N 15/09 (2006.01) A61K 38/00 (2006.01) A61P 5/10 (2006.01) A61P 19/00 (2006.01) A61P 43/00 (2006.01) C07K 14/765 (2006.01) C07K 19/00 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **NOVEL HUMAN SERUM ALBUMIN MUTANT**
[54] **NOUVEAU MUTANT D'ALBUMINE SERIQUE HUMAINE**
[72] TAKAHASHI, KENICHI, JP
[72] YOSHIOKA, AYA, JP
[72] MORIMOTO, HIDETO, JP
[72] KINOSHITA, MASAFUMI, JP
[71] JCR PHARMACEUTICALS CO., LTD., JP
[85] 2018-02-23
[86] 2016-09-08 (PCT/JP2016/076438)
[87] (WO2017/043569)
[30] JP (2015-177093) 2015-09-08

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[25] EN
[54] **NASAL IMPLANTS AND SYSTEMS AND METHOD OF USE**
[54] **IMPLANTS NASAUX, AINSI QUE SYSTEMES ET PROCEDE D'UTILISATION**
[72] BARON, SCOTT J., US
[72] ROSENTHAL, MICHAEL H., US
[72] DOMECUS, BRIAN, US
[72] ARORA, PIYUSH, US
[72] MIRIZZI, MICHAEL STEPHAN, US
[72] GIROTRA, ROHIT KULBHUSHAN, US
[71] SPIROX, INC., US
[85] 2018-02-23
[86] 2016-09-23 (PCT/US2016/053480)
[87] (WO2017/053824)
[30] US (62/233,155) 2015-09-25

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[51] **Int.Cl. C07D 233/86 (2006.01) A61K 31/4166 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF ANDROGEN RECEPTOR INHIBITOR AND PREPARATION METHOD THEREOF**
[54] **FORME CRISTALLINE D'UN INHIBITEUR DE RECEPTEUR D'ANDROGENE ET SON PROCEDE DE PREPARATION**
[72] WU, GUAILI, CN
[72] GUO, CHANGSHAN, CN
[72] ZHONG, LIANG, CN
[72] LU, YUN, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2018-02-26
[86] 2016-08-23 (PCT/CN2016/096381)
[87] (WO2017/041622)
[30] CN (201510574141.9) 2015-09-10
[30] CN (201610073458.9) 2016-02-02

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[51] **Int.Cl. F22B 21/00 (2006.01) F22G 7/14 (2006.01)**
[25] EN
[54] **HEAT RECOVERY SURFACES ARRANGEMENT IN A RECOVERY BOILER**
[54] **AGENCEMENT DE SURFACES DE RECUPERATION DE CHALEUR DANS UNE CHAUDIERE DE RECUPERATION**
[72] LOSCHKIN, MIRO, FI
[72] ROPPANEN, JUKKA, FI
[71] ANDRITZ OY, FI
[85] 2018-02-26
[86] 2016-09-13 (PCT/FI2016/050631)
[87] (WO2017/046450)
[30] FI (20155658) 2015-09-14

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[25] EN
[54] **PROCESS FOR PRODUCING NOVEL 4-BENZOAZONINE DERIVATIVES**
[54] **PROCEDE DE PRODUCTION DE NOUVEAUX DERIVES DE 4-BENZAZONINE**
[72] ITO, TAIZO, JP
[72] LIAO, XIAOMING, CN
[72] LI, ZIHUA, CN
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-26
[86] 2016-08-26 (PCT/JP2016/074902)
[87] (WO2017/038656)
[30] JP (2015-169840) 2015-08-28

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[25] EN
[54] **WORK VEHICLE**
[54] **VEHICULE DE TRAVAIL**
[72] NAITOU, SHINICHI, JP
[72] ISHIZAKA, TAKUYA, JP
[71] KOMATSU LTD., JP
[85] 2018-02-26
[86] 2016-03-16 (PCT/JP2016/058333)
[87] (WO2017/158760)

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[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/14 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **VARIABLE FLUID FLOW RATE CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION DE DEBIT DE FLUIDE VARIABLE**
[72] SCHAFFER, ANDREW, US
[72] MENDILLO, MARK D., US
[71] AVENT, INC., US
[85] 2018-02-26
[86] 2015-08-27 (PCT/US2015/047143)
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[25] EN
[54] **COMPOSITION, METHOD FOR PRODUCING COMPOSITION, AND PESTICIDE COMPOSITION**
[54] **COMPOSITION, PROCEDE DE PRODUCTION D'UNE COMPOSITION, ET COMPOSITION PESTICIDE**
[72] RUSU, AI, JP
[72] WATANABE, ATSUSHI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2018-02-26
[86] 2016-09-01 (PCT/JP2016/075703)
[87] (WO2017/038946)
[30] JP (2015-174433) 2015-09-04

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[25] EN
[54] **INHIBITORS OF TRYPTOPHAN DIOXYGENASES (IDO1 AND TDO) AND THEIR USE IN THERAPY**
[54] **INHIBITEURS DES TRYPTOPHANE-DIOXYGENASES (IDO1 ET TDO) ET LEUR UTILISATION EN THERAPIE**
[72] PALMER, BRIAN DESMOND, NZ
[72] CHING, LAI-MING, NZ
[71] AUCKLAND UNISERVICES LIMITED, NZ
[85] 2018-02-26
[86] 2016-08-25 (PCT/NZ2016/050135)
[87] (WO2017/034420)
[30] NZ (711514) 2015-08-27

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[25] EN
[54] **FUSED PYRIMIDINE COMPOUND OR SALT THEREOF**
[54] **COMPOSE DE PYRIMIDINE CONDENSE OU UN SEL DE CELUI-CI**
[72] MIYAZAKI, ISAO, JP
[72] SHIMAMURA, TADASHI, JP
[72] KATO, MASANORI, JP
[72] FUJITA, HIDENORI, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-26
[86] 2016-09-07 (PCT/JP2016/076354)
[87] (WO2017/043550)
[30] JP (2015-177073) 2015-09-08

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[51] **Int.Cl. H04N 21/2668 (2011.01) H04N 21/258 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **CUSTOMIZED CONTENT CHANNEL GENERATION AND DELIVERY FOR SERVICE PROVIDERS**
[54] **GENERATION ET DISTRIBUTION DE CANAUX DE CONTENU PERSONNALISE POUR PRESTATAIRES DE SERVICES**
[72] CHAN, CHRISTOPHER YEN-CHU, US
[72] GUAN, LAN, US
[72] BOLZE, JOHN D., US
[72] KIM, THOMAS, CA
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048566)
[87] (WO2017/035310)
[30] US (14/838,002) 2015-08-27

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[51] **Int.Cl. H02J 1/10 (2006.01) H02J 3/38 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING ENERGY FLOW BETWEEN DISSIMILAR ENERGY STORAGE DEVICES**
[54] **PROCEDE ET APPAREIL DE COMMANDE D'ECOULEMENT D'ENERGIE ENTRE DES DISPOSITIFS DE STOCKAGE D'ENERGIE DISSEMBLABLES**
[72] LAUBENSTEIN, THOMAS A., US
[72] COAD, NATHAN, AU
[71] ENSYNC, INC., US
[85] 2018-02-26
[86] 2016-08-31 (PCT/US2016/049572)
[87] (WO2017/040576)
[30] US (14/844,742) 2015-09-03

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[51] **Int.Cl. A61K 38/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PEPTIDOMIMETIC MACROCYCLES AND USES THEREOF**
[54] **MACROCYCLES PEPTIDOMIMETIQUES ET LEURS UTILISATIONS**
[72] AIVADO, MANUEL, US
[72] GUERLAVAIS, VINCENT, US
[72] OLSON, KAREN, US
[71] AILERON THERAPEUTICS, INC., US
[85] 2018-02-26
[86] 2016-09-02 (PCT/US2016/050194)
[87] (WO2017/040990)
[30] US (62/214,142) 2015-09-03
[30] US (62/310,254) 2016-03-18
[30] US (62/344,651) 2016-06-02
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[25] EN
[54] **SUBMERSIBLE PUMP MOTOR HOUSING FOR IMPROVING THE SERVICEABILITY OF SUBMERSIBLE PUMPS**
[54] **LOGEMENT DE MOTEUR DE POMPE SUBMERSIBLE POUR L'AMELIORATION DE LA RESISTANCE A L'USURE DE POMPES SUBMERSIBLES**
[72] RUZICA, PAUL J., US
[71] FLUID HANDLING LLC, US
[85] 2018-02-26
[86] 2016-09-06 (PCT/US2016/050422)
[87] (WO2017/041104)
[30] US (62/213,736) 2015-09-03

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[13] A1
[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD FOR MANAGING DIGITAL WALLETS**
[54] **PROCEDE DE GESTION DE PORTEFEUILLES ELECTRONIQUES**
[72] SHARMA, PRASHANT, US
[72] HAYES, JOSEPH, SG
[72] PRABHU, RAJEN, SG
[71] MASTERCARD ASIA/PACIFIC PTE. LTD., SG
[85] 2018-02-26
[86] 2016-08-22 (PCT/SG2016/050406)
[87] (WO2017/034480)
[30] SG (10201506781U) 2015-08-27

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[51] **Int.Cl. A63B 59/54 (2015.01) A63B 59/50 (2015.01) B32B 1/08 (2006.01) B32B 37/02 (2006.01)**
[25] EN
[54] **COMPOSITE BALL BAT INCLUDING A BARREL WITH STRUCTURAL REGIONS SEPARATED BY A POROUS NON-ADHESION LAYER**
[54] **BATTE COMPOSITE POUR JEU DE BALLE COMPRENANT UN CYLINDRE POSSEDANT DES REGIONS STRUCTURELLES SEPAREES PAR UNE COUCHE DE NON-ADHESION POREUSE**
[72] FITZGERALD, STEPHEN BRUCE, CA
[72] ST. LAURENT, FREDERIC, CA
[71] EASTON DIAMOND SPORTS, LLC., US
[85] 2018-02-22
[86] 2016-08-26 (PCT/CA2016/051007)
[87] (WO2017/031594)
[30] US (14/838,043) 2015-08-27

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[51] **Int.Cl. C12N 5/10 (2006.01) A61K 39/00 (2006.01) C07K 16/00 (2006.01) C12N 15/79 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **EXPRESSION OF FC-CONTAINING PROTEINS**
[54] **EXPRESSION DE PROTEINES CONTENANT FC**
[72] HALEY, BENJAMIN, US
[72] HU, ZHILAN, US
[72] JOLY, JOHN C., US
[72] SHEN, AMY Y., US
[72] SNEDECOR, BRADLEY RICHARD, US
[71] GENENTECH, INC., US
[85] 2018-02-26
[86] 2016-09-21 (PCT/US2016/052962)
[87] (WO2017/053482)
[30] US (62/222,187) 2015-09-22

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[51] **Int.Cl. E21B 47/00 (2012.01) G01R 33/44 (2006.01) G01V 11/00 (2006.01)**
[25] EN
[54] **LOGGING-WHILE-DRILLING TOOL WITH INTERLEAVED INSTRUMENTS**
[54] **OUTIL DE DIAGRAPHIE PENDANT LE FORAGE AVEC INSTRUMENTS ENTRELACES**
[72] CHEN, SONGHUA, US
[72] REIDERMAN, ARCADY, US
[72] LI, LILONG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-26
[86] 2015-10-02 (PCT/US2015/053643)
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[51] **Int.Cl. C07K 14/33 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING CLOSTRIDIAL NEUROTOXIN**
[54] **PROCEDE DE PURIFICATION DE NEUROTOXINE CLOSTRIDIENNE**
[72] HACKETT, STEPHEN GAVIN, GB
[72] PALAN, SHILPA, GB
[72] ANDERSON, DINA BRADY, GB
[71] IPSEN BIOPHARM LIMITED, GB
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[54] **INTERFACE GRAPHIQUE D'UTILISATEUR POUR NEGOCE INTERACTIF D'OPTIONS ET SYSTEME POUR SA GENERATION**
[72] MCLAREN, PAUL, AU
[71] ENHANCE YOUR OPTIONS PTY LTD, AU
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[54] **SHARING CONTINUOUS GLUCOSE DATA AND REPORTS**
[54] **PARTAGE DE DONNEES ET RAPPORTS DE GLUCOSE CONTINUS**
[72] WIEDEBACK, DANIEL JUSTIN, US
[72] DELMORE, SHANE PHILIP, US
[72] SLOAN, JEREMY CRAWFORD, US
[72] SCHUMACHER, JUSTIN E., US
[71] DEXCOM, INC., US
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[54] **HYDROGEN REDUCTION OF METAL SULPHATE SOLUTIONS FOR DECREASED SILICON IN METAL POWDER**
[54] **REDUCTION A L'HYDROGENE DE SOLUTIONS DE SULFATES METALLIQUES POUR LA REDUCTION DU SILICIUM DANS UNE POUDRE METALLIQUE**
[72] QIN, FU, CA
[71] SHERRITT INTERNATIONAL CORPORATION, CA
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[54] **SYSTEMS AND METHODS OF COMBINED PHASED-ARRAY AND FRESNEL ZONE PLATE BEAMFORMING EMPLOYING DELAY-CORRECTED FRESNEL SUB-APERTURES**
[54] **SYSTEMES ET PROCEDES POUR RESEAUX DE PHASE COMBINES ET FORMATION DE FAISCEAU A LAME DE FRESNEL ZONEE UTILISANT DES SOUS-OUVERTURES DE FRESNEL A RETARD CORRIGE**
[72] BROWN, JEREMY, CA
[72] LATHAM, KATHERINE, CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2018-02-27
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[25] EN
[54] **A HIGHLY AUTOMATED SYSTEM OF AIR TRAFFIC CONTROL (ATM) FOR AT LEAST ONE UNMANNED AERIAL VEHICLE (UNMANNED AERIAL VEHICLES UAV)**
[54] **SYSTEME HAUTEMENT AUTOMATISE DE CONTROLE DE LA CIRCULATION AERIENNE (ATM) POUR AU MOINS UN VEHICULE AERIEN SANS PILOTE (VEHICULES AERIENS SANS PILOTE UAV)**
[72] TANTARDINI, MARCO, IT
[72] SHOMKO, DENNIS A., GB
[71] DRONSYSTEMS LIMITED, GB
[85] 2018-02-26
[86] 2016-08-29 (PCT/EP2016/070341)
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[54] **VETEMENT, NOTAMMENT VESTE DE PROTECTION ET AGENCEMENT DE FERMETURE ECLAIR**
[72] PFANNER, ANTON, AT
[71] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2018-02-23
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[54] **SYSTEM, METHOD AND APPARATUS FOR FROTH FLOTATION**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR FLOTTATION PAR MOUSSAGE**
[72] JAMESON, GRAEME JOHN, AU
[71] HUNTER PROCESS TECHNOLOGIES PTY LIMITED, AU
[85] 2018-02-26
[86] 2016-08-29 (PCT/AU2016/050806)
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[54] **METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK**
[54] **PROCEDES ET APPAREIL POUR UNE BASE DE DONNEES DISTRIBUEE DANS UN RESEAU**
[72] BAIRD, LEEMON C., III, US
[71] SWIRLDS, INC., US
[85] 2018-02-23
[86] 2016-08-26 (PCT/US2016/049067)
[87] (WO2017/040313)
[30] US (62/211,411) 2015-08-28
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[54] **INSULIN IMMUNOGLOBULIN FUSION PROTEINS**
[54] **PROTEINES DE FUSION IMMUNOGLOBULINE-INSULINE**
[72] WANG, FENG, US
[72] TREMBLAY, MATTHEW S., US
[72] YOUNG, TRAVIS, US
[72] ALVAREZ, NICOLE, US
[72] LIU, YAN, US
[72] DU, JUANJUAN, US
[72] SCHULTZ, PETER G., US
[71] THE CALIFORNIA INSTITUTE FOR BIOMEDICAL RESEARCH, US
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[25] EN
[54] **MUSCARINIC COMBINATION AND ITS USE FOR COMBATING HYPOCHOLINERGIC DISORDERS OF THE CENTRAL NERVOUS SYSTEM**
[54] **COMBINAISON MUSCARINIQUE ET SON UTILISATION POUR LUTTER CONTRE DES TROUBLES HYPOCHOLINERGIQUES DU SYSTEME NERVEUX CENTRAL**
[72] CHASE, THOMAS N., US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE PHARMACEUTICALS CORPORATION, US
[85] 2018-02-23
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[54] **MULTI-CONDUCTEUR A CONNEXION FILETEE RAPIDE**
[72] ATKINS, GREGORY LYNN, US
[71] HUNTING ENERGY SERVICES, INC., US
[85] 2018-02-27
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[54] **MUSCARINIC COMBINATIONS AND THEIR USE FOR COMBATING HYPOCHOLINERGIC DISORDERS OF THE CENTRAL NERVOUS SYSTEM**
[54] **COMBINAISONS MUSCARINIQUES ET LEUR UTILISATION POUR LUTTER CONTRE DES TROUBLES HYPOCHOLINERGIQUES DU SYSTEME NERVEUX CENTRAL**
[72] CHASE, THOMAS N., US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE PHARMACEUTICALS CORPORATION, US
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[54] **METHOD AND APPARATUS FOR TREATING BIOGAS**
[54] **PROCEDE ET APPAREIL POUR TRAITER DU BIOGAZ**
[72] JOHNSON, BRYAN R., US
[71] ENERGY TECH INNOVATIONS, LLC, US
[85] 2018-02-27
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[54] **HIGH-MOLECULAR WEIGHT DNA SAMPLE TRACKING TAGS FOR NEXT GENERATION SEQUENCING**
[54] **ETIQUETTES DE SUIVI D'ECHANTILLONS D'ADN DE MASSE MOLECULAIRE ELEVEE POUR SEQUENCAGE DE GENERATION SUIVANTE**
[72] RANIK, MARTIN, ZA
[72] VAN DER WALT, ERIC, ZA
[72] MCEWAN, PAUL, ZA
[71] KAPA BIOSYSTEMS, INC., US
[85] 2018-02-26
[86] 2016-09-28 (PCT/US2016/054210)
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[54] **JOINT EDGE ASSEMBLY AND METHOD FOR FORMING JOINT IN OFFSET POSITION**
[54] **ENSEMBLE DE BORD DE JOINT ET PROCEDE DE FORMATION DE JOINT EN POSITION DE DECALAGE**
[72] PARKES, NIGEL K., US
[72] CONNELL, ROBERT URQUHART, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-26
[86] 2016-10-04 (PCT/US2016/055315)
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[30] US (62/349,926) 2016-06-14
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[54] **DISPOSABLE BAG AND THE METHOD OF USING THE SAME**
[54] **SAC JETABLE ET SON PROCEDE D'UTILISATION**
[72] MCCONNELL, THOMAS E., US
[72] LU, YAFEI, US
[71] MCCONNELL, THOMAS E., US
[85] 2018-02-26
[86] 2016-10-25 (PCT/US2016/058680)
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[54] **JOINING DEVICE WITH WIDE ACCESSIBILITY FOR PARTS OF FURNITURE AND FURNISHING ITEMS**
[54] **DISPOSITIF D'ASSEMBLAGE A LARGE ACCESSIBILITE POUR PARTIES DE MEUBLES ET ARTICLES D'AMEUBLEMENT**
[72] CATTANEO, CARLO, IT
[71] LEONARDO S.R.L., IT
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[54] **DETERGENT COMPOSITION COMPRISING AMYLASE AND PROTEASE VARIANTS**
[54] **COMPOSITION DE DETERGENT COMPRENANT DES VARIANTS DE PROTEASE ET D'AMYLASE**
[72] ANDERSEN, CARSTEN, DK
[72] WANG, YANFEI, CN
[72] TAO, WENWEN, CN
[72] PLESNER, BITTEN, DK
[72] PONT, ELENA GENESCA, DK
[71] NOVOZYMES A/S, DK
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[54] **CALIBRATION OF DEFECTIVE IMAGE SENSOR ELEMENTS**
[54] **ETALONNAGE D'ELEMENTS DE CAPTEUR D'IMAGE DEFECTUEUX**
[72] LEVOY, MARC STEWART, US
[72] LEWKOW, ROMAN, US
[71] GOOGLE LLC, US
[85] 2018-02-26
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[25] EN
[54] **HUMAN RESPIRATORY SYNCYTIAL VIRUS (HRSV) VIRUS-LIKE PARTICLES (VLPS) BASED VACCINE**
[54] **VACCIN A BASE DE PSEUDOPARTICULES VIRALES (VLP) CONTRE LE VIRUS SYNCYTIAL RESPIRATOIRE HUMAIN (HRSV)**
[72] GALARZA, JOSE M., US
[72] CIMICA, VELASCO, US
[72] BOIGARD, HELENE, US
[71] TECHNOVAX, INC., US
[85] 2018-02-27
[86] 2016-08-29 (PCT/US2016/049226)
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[25] EN
[54] **AMINOGLYCOSIDE DERIVATIVES AND USES THEREOF IN TREATING GENETIC DISORDERS**
[54] **DERIVES D'AMINOGLYCOSIDES ET LEURS UTILISATIONS DANS LE TRAITEMENT DE TROUBLES GENETIQUES**
[72] BAASOV, TIMOR, IL
[72] TUVIA, SHMUEL, IL
[71] ELOXX PHARMACEUTICALS LTD., IL
[85] 2018-02-27
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[54] **DRONE AGRICOLE DESTINE A ETRE UTILISE DANS LA SURVEILLANCE DU BETAIL**
[72] HORTON, CHRISTOPHER V., US
[72] VORPAHL, SAMUEL R., US
[71] DIGI-STAR, LLC, US
[85] 2018-02-27
[86] 2016-09-14 (PCT/US2016/051584)
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[30] US (14/864,222) 2015-09-24

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[25] EN
[54] **MULTI-LAYERED REFLECTIVE INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION REFLECHISSANT MULTICOUCHE**
[72] GRUBB, DENNIS, US
[71] GRUBB, DENNIS, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049725)
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[25] EN
[54] **CIRCULAR SAW APPARATUS WITH INTEGRATED MULTISTAGE FILTRATION SYSTEM**
[54] **APPAREIL DE SCIE CIRCULAIRE A SYSTEME DE FILTRATION MULTIETAGE INTEGRE**
[72] GUTH, PAUL W., US
[71] JPL GLOBAL, LLC, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049798)
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[54] **RIDING TRAINER**
[54] **APPAREIL D'ENTRAINEMENT A L'EQUITATION**
[72] COSMA, CHRISTOPHER, US
[71] COSMA, CHRISTOPHER, US
[85] 2018-02-27
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[51] **Int.Cl. G01N 33/58 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PROTEIN PROXIMITY ASSAY IN FORMALIN FIXED PAFFAFIN EMBEDDED TISSUE USING CAGED HAPTENS**
[54] **DOSAGE DE PROXIMITE POUR LA DETECTION DE PROTEINES DANS UN TISSU ENROBE DE PARAFFINE ET FIXE AVEC DE LA FORMALINE AU MOYEN DE HAPTENES EN CAGE**
[72] BELOSLUDTSEV, YURI, US
[72] DEGEER, TRACI D., US
[72] FRENCH, WENDY J., US
[72] HAO, JUNSHAN, US
[72] KELLY, BRIAN DANIEL, US
[72] MURILLO, ADRIAN, US
[72] POLASKE, NATHAN WALTER, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-02-27
[86] 2016-08-26 (PCT/US2016/049153)
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[25] EN
[54] **CATHODE AND CATHODE MATERIALS FOR LITHIUM SULFUR BATTERIES**
[54] **CATHODE ET MATERIAUX DE CATHODE POUR BATTERIES LITHIUM-SOUFRE**
[72] ZHANG, PU, US
[72] WIXOM, MICHAEL, US
[72] WU, QINGLIU, US
[71] NAVITAS SYSTEMS, LLC, US
[85] 2018-02-27
[86] 2016-09-06 (PCT/US2016/050406)
[87] (WO2017/091271)
[30] US (62/213,777) 2015-09-03
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[25] EN
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE GENERATION ET DE DISTRIBUTION DE VAPEUR**
[72] BYERS, MARC L., US
[71] BYERS, MARC L., US
[85] 2018-02-27
[86] 2016-08-29 (PCT/US2016/049217)
[87] (WO2017/035523)
[30] US (62/210,466) 2015-08-27
[30] US (62/334,252) 2016-05-10
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[25] EN
[54] **METHOD FOR PRODUCING MEAT CAPABLE OF REDUCING SATURATED FATTY ACID INTAKE**
[54] **PROCEDE DE FABRICATION DE VIANDE PERMETTANT DE REDUIRE LA QUANTITE INGEREE D'ACIDES GRAS SATURES**
[72] NAITO, YOSHIO, JP
[71] BIOBALANCE CO., LTD., JP
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[86] 2016-08-25 (PCT/JP2016/074747)
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[30] JP (2015-170466) 2015-08-31

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[54] **IMPROVED ACCESS PUMP CASING**
[54] **CORPS DE POMPE A ACCES AMELIORE**
[72] KERR, DAVID, US
[72] HASS, IAN, US
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'ETAT D'UNE SOUPAPE D'ETRANGLEMENT DANS UN SYSTEME DE FORAGE A PRESSION GEREE**
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER LA CONSOMMATION D'ENERGIE DESAGREGEE SUR LA BASE DE DONNEES LIMITEES DE FACTURATION D'ENERGIE**
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[72] KRISHNAN, NIKHIL, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UNE ANALYSE DE CYBERSECURITE SUR LA BASE DE TECHNIQUES D'EXPLOITATION ET DE TECHNOLOGIES DE L'INFORMATION**
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[72] DOBRE, OCTAVIA A., CA
[72] URETEN, OKTAY, CA
[72] YENSEN, TREVOR N., CA
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[72] KNOWLES, GRETA, US
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[54] **SYSTEMES DE MANIPULATION DE CARTES, DISPOSITIFS DESTINES A ETRE UTILISES DANS DES SYSTEMES DE MANIPULATION DE CARTES ET PROCEDES ASSOCIES**
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[72] KRENN, PETER, AT
[72] GRAUZER, ATTILA, US
[72] HAUSHALTER, TODD M., US
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[54] **SYSTEME ET METHODE DE GESTION DES RELATIONS ENTRE LES COURTIERS ET LES OPERATEURS DE MARCHES A L'AIDE DE LA MESSAGERIE**
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[72] CHOMIK, RICHARD S., US
[72] YOHO, MARK, US
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[72] KIM, TAEK, US
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[54] **SEL DE MALATE DE N-(4-{[6,7-BIS(METHYLOXY)QUINOLIN-4-YL]OXY}PHENYL-N'-(4-FLUOROPHENYL)CYCLOPROPANE-1,1-DICARBOXAMIDE ET FORMES CRISTALLINES DE CELUI-CI POUR LE TRAITEMENT DU CANCER**
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[54] **PROCEDE DE CONVERSION D'UNE BOUE DE FORAGE EN UN MATERIAU DE PERTE DE CIRCULATION A BASE DE GEL POUR COMBATTRE LA PERTE DE CIRCULATION DURANT LE**
[72] AMANULLAH, MD., SA
[72] ALSUBAIE, TURKI THUWAINI MOHAMMED, SA
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[54] **MEDICAMENTS POUVANT SUBIR UNE OXYDO-REDUCTION DESTINES AU TRAITEMENT DES MALADIES MITOCHONDRIALES ET D'AUTRES AFFECTIONS ET MODULATION DE BIOMARQUEURS RELATIFS A L'ETAT ENERGETIQUE**
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[25] EN
[54] **TELEMETRY OPERATED BALL RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE BOULET ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, ROBIN L., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2014-11-04
[41] 2015-05-18
[62] 2,869,839
[30] US (14/083,046) 2013-11-18

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[21] **2,996,226**
[13] A1
[51] **Int.Cl. A45D 1/14 (2006.01) A45D 7/02 (2006.01)**
[25] EN
[54] **HAIR STYLING DEVICE**
[54] **DISPOSITIF DE COIFFURE**
[72] SMITH, JACYNDA, US
[71] TYME LLC, US
[22] 2014-03-13
[41] 2014-09-25
[62] 2,898,328
[30] US (61/802,574) 2013-03-16

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[21] **2,996,360**
[13] A1
[51] **Int.Cl. F01D 5/26 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01) F04D 29/66 (2006.01)**
[25] FR
[54] **ANGULAR SECTOR OF THE DOWNSTREAM GUIDE VANES FOR A TURBINE ENGINE COMPRESSOR, TURBINE ENGINE DOWNSTREAM GUIDE VANES AND TURBINE ENGINE INCLUDING SUCH A SECTOR**
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[72] CLOAREC, YVON, FR
[71] SNECMA, FR
[22] 2011-06-16
[41] 2011-12-22
[62] 2,802,397
[30] FR (1054849) 2010-06-18

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[21] **2,996,544**
[13] A1
[51] **Int.Cl. A63B 71/08 (2006.01) A41D 13/015 (2006.01) A41D 13/05 (2006.01) A63B 71/12 (2006.01)**
[25] EN
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[72] BEAUREGARD, MARCO, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[72] LEBLANC, ALEXANDRE, CA
[71] BAUER HOCKEY LTD., CA
[22] 2012-05-18
[41] 2013-11-18
[62] 2,777,786

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[21] **2,996,547**
[13] A1
[51] **Int.Cl. C07F 17/00 (2006.01) C08F 4/69 (2006.01)**
[25] EN
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[72] MARTIN, JOEL L., US
[72] YU, YOULU, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[22] 2011-09-20
[41] 2012-03-29
[62] 2,812,260
[30] US (12/890,455) 2010-09-24

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KOZAK, IRA 2,736,504

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KRAFT FOODS GROUP BRANDS LLC 2,936,288
KRAFT FOODS R & D, INC. 2,708,548
KRAFT FOODS R & D, INC. 2,739,369
KRAFT FOODS R&D, INC. 2,918,822
KRAKER, THOMAS A. 2,891,884
KRAMER, MICHAEL 2,936,372
KRAPP, MICHAEL 2,782,800
KRAUSS, RAINER 2,832,583
KRISH, PREM 2,919,807
KRISH, PREM 2,935,257
KRONEBERG, PHILIPP 2,751,443
KT CORPORATION 2,946,947
KUJANSUU, PETRI 2,862,519
KUNG, JIMMY 2,887,234
KUNG, TAI WAI 2,761,963
KUO, CYNTHIA 2,845,922
KURODA, MASARU 2,798,572
KUSKE, TORSTEN 2,635,502
KUVAJA, KARI 2,862,519
KUWABARA, NAOKI 2,920,158
KWARTLER, ANATOL 2,854,456
KWON, JAE CHEOL 2,946,947
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,801,191
LABELLE, DAVID 2,554,674
LABRECQUE, RICHARD 2,933,693
LABRIE, FERNAND 2,933,693
LACEY, WILLIAM J. 2,710,729
LAHTI, THOMAS D. 2,878,075
LAHTINEN, KARI 2,797,330
LAMBERT, JOSEPH J. 2,772,784
LAMBERT, MATT 2,962,208
LAMBERT, PAUL 2,814,974
LAMBOS, TASOS 2,912,369
LAMONTAGNE, FREDERIC 2,955,985
LAMPERT, BERNHARD M. 2,809,679
LAMY-BERGOT, CATHERINE 2,760,435
LANDMARK GRAPHICS CORPORATION 2,850,298
LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY 2,696,664
LANDPHAIR, DONALD K. 2,710,718
LANDSVERK, THOR 2,814,450
LANGER, PAUL A. 2,856,518
LANGLAIS, JOSEPH 2,924,572
LANGLOIS, MICHAEL GEORGE 2,823,659
LANYON, INC. 2,812,923
LANZATECH NEW ZEALAND LIMITED 2,948,909
LAPENA-REY, NIEVES 2,866,249
LARAMORE, MELISSA 2,851,023
LARSON, ERIC A. 2,787,010
LARSSON, NICHOLAS B. 2,832,288
LARSSON, PER 2,914,153
LAU, FRANCIS CHI NAN 2,761,963
LAU, TOM CHIU HUNG 2,912,946
LAURENT, IVAN 2,781,767
LAURENT, PIERRE-ANDRE 2,781,137
LAURENTIUS, PAUL R. 2,816,098
LAVIEU, HERVE 2,742,639
LAZARIDIS, MIHAL 2,823,659
LAZARUS, WERNER 2,919,756
LE RAVALEC, MICKAEELE 2,746,900
LEAVITT, MARK 2,965,656
LECOMTE, JEREMIE 2,948,015
LEE, BAE KEUN 2,946,947
LEE, BRANDEN 2,740,975
LEE, JOHN 2,912,369
LEE, JONATHAN P. 2,793,199
LEE, MICHAEL A. 2,943,126
LEE, RANDALL J. 2,662,169
LEEMING, PETER 2,731,800
LEFEBVRE, WILLIAM 2,931,774
LEFOULON, FRANCOIS 2,843,985
LEGGETT, DAVID 2,736,532
LEHNERT, REINER 2,797,572
LEHNHOFF, INGO 2,968,268
LEMONS, JIMIE D. 2,877,830
LEROUX, JEAN-NOEL 2,742,639
LEROY, ALAIN 2,863,546
LES LABORATOIRES SERVIER 2,843,985
LESAFFRE ET COMPAGNIE 2,709,850
LESSING, ROBERT SIMON 2,823,659
LEUNG, YUET-CHARN 2,923,097
LEVIN, DANIEL 2,731,800
LEWIS, JOSEPH ABERNATHY, II 2,842,946
LEYPOLDT, JOHN KENNETH 2,796,496
LI, CHIANG JIA 2,736,532
LI, CHIANG JIA 2,911,990
LI, DONGSHENG 2,916,341
LI, LI 2,921,635
LI, LIFANG 2,923,777
LI, WEI 2,736,532
LI, WEI 2,911,990
LI, XIANGBIN 2,923,777
LI, YOUZHI 2,911,990
LIANG, YUE 2,768,299
LIARNO, XI MING 2,946,634
LICHTENBERGER, WILLIAM GERALD 2,929,130
LICHTENSTEIN, YOAV 2,719,904
LIEBL, REX 2,782,800
LIEBMANN, JEFFREY M. 2,759,807
LIN, AVI 2,918,361
LIN, JISHENG 2,635,208
LIND EQUIPMENT LTD. 2,893,619
LINDEN, SHWN-MEEI 2,713,258
LINDSAY, DONALD JAMES 2,823,659
LIU, GUOGUANG 2,806,105
LIU, JAMES Z. 2,710,718
LIU, JIFENG 2,911,990
LIU, PEI-I 2,896,049
LIU, PETER 2,919,247
LIU, ZAIYOU 2,784,318
LIVINGSTON, PHILIP 2,720,771
LM WP PATENT HOLDING A/S 2,968,898
LO, LOK YUEN 2,761,963
LO, YING-CHENG 2,796,496
LOHMAR, THORSTEN 2,786,812
LOK, CHUN-NAM 2,419,563
LOMBARD, ANTHONY 2,948,015
LONG, DANIEL D. 2,869,640
LONG, RAYMOND 2,863,512
LONGONI, GIANLUCA 2,826,858
LOPEZ, ALBERT MANUEL, JR. 2,738,189
LOS, OLEG 2,775,421
LOSO, MICHAEL R. 2,913,914
LUDTKE, NATHAN E. 2,713,258
LUGASH, RICHARD 2,963,575
LUNN, PAUL 2,883,681
LUNTTILA, TIMO ERKKI 2,885,269
LURIE, BRANDON A. 2,917,010
LY, BOI SAN 2,948,909
LYNE, PAUL D. 2,443,903
MA, HONGTAO 2,857,785
MACDONALD, JAMES E. 2,826,202
MACDONALD, ROBERT 2,872,256
MADAKAMUTIL, LOUI 2,740,975
MADASU, SRINATH 2,918,361
MADAVALAPPIL KUNHIRAMAN, PRIYA 2,748,892
MAEDA, KENJI 2,708,921
MAGNA EXTERIORS & INTERIORS (BOHEMIA) S.R.O. 2,790,109
MAGNA SEATING INC. 2,796,668
MAGRI, CARLO 2,824,298
MAHIDOL UNIVERSITY 2,398,872
MAHROUCHE, RACHID 2,897,857
MAILAND, JASON 2,898,778
MAILLE, JULIEN MARCEL ROGER 2,781,776
MAIR, HANS-JUERGEN 2,768,632
MALANYAON, MICHAEL-VINCENT NARIO 2,784,318
MALM, HOWARD L. 2,905,319
MALONE, MICHAEL WILLIAM 2,926,206
MAN DIESEL & TURBO SE 2,874,537
MANDEVILLE, KENNETH 2,962,208
MANEGOLD, ERIC S. 2,963,575
MANGARU, ZAVIDA 2,862,020
MANIS, ANTONIOS 2,790,601
MANIS, ANTONIOS 2,910,901
MANN, MARKUS 2,936,372
MANSCOURT, CYRIL 2,801,191
MANSOUR, GEORGE M. 2,769,268
MARCHAND, ROGER L. 2,834,748
MARICAP OY 2,789,347
MARINE SAFETY PRODUCTS, LLC 2,882,627
MARLOW, JONATHON 2,825,401
MARTENS, RALF 2,818,801
MARTIG, CELINE 2,862,020
MARTIN, ANDREW 2,931,774
MARTIN, GREGORY L. 2,851,804
MARTIN, JEREMY GRANT 2,919,807
MARTIN, JEREMY GRANT 2,935,257
MARTIN, NICOLAS 2,779,205
MARTIN, RICHARD 2,912,369

MARTIN-ALONSO, PEDRO PABLO 2,866,249
MARTINOTTI, MAURO 2,702,162
MARUHASHI, TAICHI 2,910,083
MASER, FRANK 2,900,262
MASON, STEVEN 2,805,933
MAST, REXFORD R. 2,854,456
MASTERCARD INTERNATIONAL INCORPORATED 2,862,020
MASTERS, STEVEN J. 2,917,010
MATHERLY, LARRY H. 2,739,250
MATHUR, DEVESH 2,961,443
MATIASH, NICHOLAS A. 2,878,075
MATTEAU, LUC 2,912,369
MATTHEWS, DANIEL 2,898,778
MAYER, DANIEL R. 2,963,575
MB TELECOM LTD. 2,803,089
MC ACI 2,781,767
MCALISTER, GRANT A.M. 2,755,913
MCCALLUM, JONATHAN E. 2,784,674
MCCARTHY, THOMAS 2,716,260
MCCREA, THOMAS E. 2,919,107
MCDANIEL, THOMAS R. 2,917,010
MCDERMENT, IAIN 2,883,135
MCDONNELL, GERALD E. 2,812,761
MCDOWELL, JAMES KERWIN 2,949,245
MCEACHERN, IAN C. 2,905,130
MCGILL UNIVERSITY 2,419,563
MCGRATH, JON 2,784,021
MCGRATH, PAUL 2,831,174
MCHUGH KAROW, MEREDITH 2,791,728
MCKAY, SIMON 2,965,751
MCKINNELL, ROBERT MURRAY 2,869,640
MCKINNEY, R. TODD 2,888,775
MCLACHLIN, STEWART DAVID 2,960,528
MCLANE, MARK 2,915,184
MCLAUGHLIN, MICHAEL 2,792,055
MCLEOD, COLIN D. 2,968,078
MCNALL, CHARLES W. 2,803,992
MCNAMARA, ROBERT P. 2,937,025
MCQUADE, CHARLES MICHAEL 2,963,575
MECHOSHADE SYSTEMS, INC. 2,946,634
MEDTRONIC CRYOCATH LP 2,897,857
MEDTRONIC MINIMED, INC. 2,787,010
MEERGANS, DOMINIQUE 2,800,444
MEGTEC TURBOSONIC INC. 2,831,174
MEIDAN, AVI 2,767,312
MEIJI SEIKA PHARMA CO., LTD. 2,822,758
MEISINGER-HENSCHEL, CHRISTINE 2,786,333
MEREL, DOMINIQUE 2,760,435
MERIDIAN STAINLESS INC. 2,873,438
METRAN CO., LTD. 2,938,029
METSA FIBRE OY 2,873,106
METSO MINERALS, INC. 2,862,519
MEVA SCHALUNGS-SYSTEME GMBH 2,934,234
MEYER, CHARLES P. 2,688,986
MEYER, JON EDMOND 2,670,656
MGM BRAKES 2,690,657
MICKLE, TRAVIS 2,837,732
MIGUIRDITCHIAN, MANUEL 2,785,001
MIIKKULAINEN, KARI 2,817,180
MIKELSONS, PETER 2,845,922
MILLER, JAMES 2,898,778
MILLER, JASON D. 2,794,150
MILLER, MATTHEW L. 2,873,200
MIMNA, RICHARD 2,795,730
MIN, JUNG-HYE 2,857,365
MINER ENTERPRISES, INC. 2,838,144
MINNICK, DAN J. 2,856,518
MINOUX, DELPHINE 2,816,628
MIRANDA, VICENTE 2,740,662
MIROSHNICHENKO, EUGENE 2,946,634
MITCHELL, OLAN WAYNE 2,983,967
MITEL NETWORKS CORPORATION 2,790,225
MITEL NETWORKS CORPORATION 2,857,174
MITSUOKA, TAKESHI 2,881,195
MIYAKE, TAKAHIRO 2,919,068
MIYAMOTO, TAKEHISA 2,945,567
MODZIK, ANDY 2,962,208
MOELLERING, RAYMOND E. 2,768,299
MOFFAT, KAREN A. 2,736,638
MONFRAIX, PHILIPPE 2,745,514
MONGER, ERIC 2,897,857
MONRO, STUART ALEXANDER 2,793,921
MONSANTO TECHNOLOGY LLC 2,882,829
MONSTADT, HERMANN 2,818,262
MOONEY, NATHAN K. 2,917,010
MORETON, DAVID J. 2,762,069
MORIYAMA, KELLY 2,911,540
MORMINO, RICHARD PAUL 2,814,324
MORRIS, JOHN D. 2,943,126
MORTENSEN, DEBORAH 2,740,975
MORTON, DAVID 2,522,158
MOSER, SCOTT 2,862,020
MOSPAN, JOHN W. 2,964,510
MOTEKI, JUN 2,881,195
MOTION COMPOSITES INC 2,965,176
MOULD, SELWYN JOHN 2,930,945
MSA TECHNOLOGY, LLC 2,851,804
MSI DEFENSE SOLUTIONS, LLC 2,875,995
MUELLINGER, BERNHARD 2,751,443
MULLER, ANTOINE 2,858,446
MULTEDO, GILBERT 2,760,435
MUNGER, SERGE 2,924,572
MUNSI, YOUNUS 2,826,858
MURPHREE, ZACHARY RYAN 2,927,574
MURPHY, EILEEN FRANCES 2,779,418
MURPHY, NICK 2,775,636
MURPHY, ROBERT J. 2,873,200
MUTSCHLER, CHRISTOPHER 2,896,853
MUTSUMI, TOMONOBU 2,914,999
MYDLAND, LIV TORUNN 2,814,450
NABIROCHKIN, SERGUEI 2,722,453
NADON, GILLES 2,875,345
NAGELE, CARL MICHAEL 2,891,677
NAHM, MOON H. 2,635,208
NAKAI, OSAMU 2,976,318
NAKAJIMA, MASAYUKI 2,915,352
NAKANO, TADASHI 2,871,293
NAKAO, KOJI 2,798,572
NAKAYAMA, TADAYORI 2,809,319
NAKAZAWA, YOSHIAKI 2,920,881
NAKAZAWA, YOSHIAKI 2,932,526
NAL PHARMACEUTICAL GROUP LIMITED 2,804,148
NALCO COMPANY 2,795,730
NANCHEN, STEVE 2,886,652
NAPIER, JOHNATHAN A. 2,744,930
NARASIMHAN, KAMESHWARAN 2,786,561
NARLA, RAMA K. 2,740,975
NASTOLL, WILLI 2,742,639
NATIONAL RESEARCH COUNCIL OF CANADA 2,728,879
NATURAL SECURITY 2,797,890
NAVIGO PROTEINS GMBH 2,837,804
NAWATA, HIDEKAZU 2,940,790
NCSTAR INC. 2,881,921
NEAFSEY, JEFFREY SCOTT 2,926,206
NEDSCHROEF SCHROZBERG GMBH 2,832,583
NEFF, RAYMOND A. 2,790,737
NELSON, SCOTT G. 2,877,830
NEOGRAFT TECHNOLOGIES, INC. 2,784,021
NEOSURGICAL LIMITED 2,795,884
NERING, ROBERT 2,760,104
NERKAMP, JOERG 2,837,804
NESTEC S.A. 2,824,298
NEUHAUSER, STEFAN 2,832,583
NEW YORK UNIVERSITY 2,714,534
NEWBY, C., MARK 2,909,176
NEWCO VENTURES LLC 2,826,202
NEWCOMER, JEFFREY R. 2,881,835
NEWLIFE SCIENCES LLC 2,774,272
NEWPARK MATS & INTEGRATED SERVICES LLC 2,949,245
NEXT GENERATION SCAFFOLD SERVICES, INC. 2,825,848
NGK SPARK PLUG CO., LTD. 2,881,195
NGNOUMEN, NGASSAM 2,862,020
NGUYEN, KEN 2,816,098
NGUYEN, VIET 2,811,557
NICONOVUM USA, INC. 2,660,362
NIE, FANGJIE 2,921,635
NIELSEN, ERLING SKOV 2,895,397
NIKKARI, BRAD 2,912,369
NIPPON SHARYO, LTD. 2,798,572
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,882,333
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,920,881
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,932,526
NISHIMURA, RYUICHI 2,920,881
NISHIMURA, RYUICHI 2,932,526

NISSHIN STEEL CO., LTD. 2,871,293
NITTA, KAZUFUKU 2,938,029
NOKIA SOLUTIONS AND NETWORKS OY 2,885,269
NOKIA TECHNOLOGIES OY 2,801,337
NOKIA TECHNOLOGIES OY 2,845,922
NOKIA TECHNOLOGIES OY 2,880,503
NORELL, ANDREW L. 2,784,674
NOTURNO, SAM P. 2,790,173
NOVELIS INC. 2,961,443
NTH TECH CORPORATION 2,804,507
NUCKELS, MICHAEL C. 2,892,374
NUTZ, HANS ERIC 2,926,083
NYSTROEM, PETER 2,775,088
O'LEARY, EWAN 2,689,475
O'MAHONY, LIAM 2,779,418
O'MALLEY, EDWARD J. 2,925,120
OAG, JAMIE 2,965,751
OAK, YOUBEAN 2,768,299
OBERNDORFER, SIEGFRIED 2,832,583
OGAWA, GAVIN 2,869,640
OHRN, ANDERS 2,782,465
OKA, KANEO 2,910,083
OKADA, ATSUSHI 2,805,101
OKADA, HIROYUKI 2,882,333
OKU, MASAYUKI 2,976,318
OKUE, MASAYUKI 2,822,758
OLAER INDUSTRIES 2,722,989
OLCHOVY, JASON JOHN 2,784,318
OLDORFF, FRANK 2,968,268
OMONOV, TOLIBJON 2,806,105
OMORI, NAOMICHI 2,937,314
OMYA INTERNATIONAL AG 2,822,835
ONO, HIROFUMI 2,917,792
ONSTAD, LORNE DEAN 2,857,888
OPENHYDRO IP LIMITED 2,746,958
OPENHYDRO IP LIMITED 2,775,636
ORNDORFF, JASON MATTHEW 2,916,003
OSHINO, TADAYOSHI 2,927,579
OSRAM SYLVANIA INC. 2,635,502
OSTO INNOVATIONS, LLC 2,766,673
OTSUKA PHARMACEUTICAL CO., LIMITED 2,708,921
OTSUKA, KENICHIRO 2,920,881
OTSUKA, KENICHIRO 2,932,526
OVERLAND, MARGARETH 2,814,450
OVERTON, TIMOTHY G. 2,793,199
PACE, SERGIO 2,919,200
PACKARD, GARRICK 2,740,975
PALICAN, ANDREW KEITH 2,875,045
PALLARA, MICHELE 2,747,450
PALTRONICS AUSTRALASIA PTY LIMITED 2,562,850
PANJWANI, VIJAY GOPICHAND 2,896,441
PAPA, PATRICK 2,740,975
PAPSDORF, CLIFFORD THEODORE 2,935,208
PARANJPE, SHREYAS 2,805,933
PARI PHARMA GMBH 2,808,171
PARIS, AARON L. 2,917,010
PARK, JEONG-HOON 2,870,531
PARK, SEONG-KYU 2,918,661
PARK, STEVEN 2,668,342
PARK, WOORAM 2,847,830
PARKER, RAYMOND 2,791,728
PARKER, TIMOTHY JAMES 2,916,015
PARKES, GREGORY ERNEST 2,704,348
PARNES, JASON 2,740,975
PARNIAK, MICHAEL A. 2,419,563
PARTINGTON, STEPHEN ROY 2,790,718
PARVIAINEN, KARI 2,801,987
PASA, MEHMET 2,862,020
PATEL, ANKUR R. 2,914,799
PATEL, HIMANSHU 2,803,992
PATEL, KETAN 2,965,656
PATEL, NIRAJ 2,943,126
PATEL, SAMIRKUMAR RAJNIKANT 2,797,258
PATIENTSLIKEME, INC. 2,758,481
PATTERSON, JON M. 2,878,075
PATZER, AARON 2,685,296
PAUTRAT, FRANCOIS 2,926,700
PAVLACKA, MYRON F. 2,688,986
PAVONE, DIDIER 2,742,639
PCR TECHNOLOGY HOLDINGS, LC 2,842,946
PEACOCK, LAWRENCE ALAN 2,792,055
PEDRAGOSA MOREAU, SANDRINE 2,843,985
PEETS, BRIAN 2,919,247
PEKING UNIVERSITY 2,923,777
PELIN, KALLE HANS THOMAS 2,739,666
PEMBROKE, JOHN 2,919,247
PENDLETON, BRYAN P. 2,818,049
PENG, RUZHAN 2,908,536
PENNEY, CHRISTOPHER 2,761,018
PEPSICO, INC. 2,883,681
PERENTES, ALEXANDRE 2,824,298
PERIE, FREDERIC 2,776,869
PERINO, MARIO 2,702,162
PERL, NICHOLAS 2,720,771
PERLIN, DAVID S. 2,668,342
PERLIN, KENNETH 2,714,534
PERRE, JEAN-MICHEL 2,779,205
PERRET, JEAN-LUC 2,886,652
PERRIN-NINKOVIC, SOPHIE 2,740,975
PERRON, VALERIE 2,761,018
PERSAD, RABINDRANATH 2,796,668
PETERSON, JEFFREY L. 2,875,995
PETHERICK, ANDREW 2,784,477
PETTITT, ANDREW 2,965,751
PEZZUTTI, JAMES VERNON 2,689,475
PFANNER SCHUTZBEKLEIDUNG GMBH 2,804,479
PFANNER SCHUTZBEKLEIDUNG GMBH 2,804,667
PFANNER, ANTON 2,804,479
PFANNER, ANTON 2,804,667
PFEIFER, JOSEPH W., III 2,787,344
PGS GEOPHYSICAL AS 2,704,348
PHARNEXT 2,722,453
PHELAN, JAMES J. 2,710,718
PHENOMENOME DISCOVERIES INC. 2,676,109
PHENOX GMBH 2,818,262
PHILIPPE, RICHARD 2,712,684
PHILIPS LIGHTING HOLDING B.V. 2,688,640
PHILIPSON, PATRICK 2,777,035
PICHLER, ALOIS 2,786,750
PICHLER, JAN MICHAEL 2,786,750
PIERCE, JOEL M.. 2,895,444
PIGNEDE, GEORGES 2,709,850
PIIPPONEN, ANTTI 2,880,503
PILLAI, SURESH 2,933,286
PINEL, CATHERINE 2,806,941
PINGEL, HERBERT 2,818,801
PISOT, PHILIPPE 2,801,191
PLAISIER, WIM 2,776,869
PLUTA, SARAH E. 2,764,637
POHLKI, FRAUKE 2,797,019
POHLMANN, ADRIANA RAFFIN 2,740,080
POIX, THIERRY 2,795,402
POLLEY, JOHN W. 2,806,035
PONTALLIER, BENOIT 2,781,776
PORNAIN, JEAN-LOUIS 2,776,869
POSCHL, WOLFGANG 2,797,572
POSTAL HAWK CORPORATION 2,812,520
POTH, MARC 2,790,601
POTJE, RICHARD GERARD 2,670,656
POTTER, MICHAEL 2,804,507
POULAIN, DANIEL 2,709,850
POUND, JOHN 2,911,540
POWAY RETINAL TECHNOLOGIES, LLC 2,888,775
POWELL, P. MARK 2,792,847
PPG INDUSTRIES OHIO, INC. 2,902,336
PPG INDUSTRIES OHIO, INC. 2,915,352
PRADAS, JOSE LUIS 2,882,145
PRAUSNITZ, MARK R. 2,797,258
PRAXAIR TECHNOLOGY, INC. 2,797,649
PREMARK FEG L.L.C. 2,881,835
PRESCOTT, ALAIN 2,778,672
PRESHER, AMELIA S. 2,936,288
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,768,299
PRESSET, ALAIN 2,793,921
PRIDDLE, CLINTON 2,786,812
PRIETO, CARLOS A. 2,922,369
PROMETIC BIOSCIENCES INC. 2,761,018
PROVOST, DAN 2,811,139
PUDACK, CLAUDIA 2,822,835
PURAC BIOCHEM BV 2,776,573
PURDUE RESEARCH FOUNDATION 2,795,919
QING, JI 2,866,249
QUALCOMM INCORPORATED 2,884,422
QUANTUM FUEL SYSTEMS LLC 2,965,656
QUICKTHREE SOLUTIONS INC. 2,830,145
RABBITTE, GERARD 2,795,884
RACEY, DARBY 2,740,662

RADINOV, ROUMEN NIKOLAEV 2,768,632
RAGUNATHAN, KALIAPPA G. 2,915,352
RAGUPATHI, GOVIND 2,720,771
RAIMARCKERS, NICOLAS 2,772,720
RANDRIANARIVONY, CHRISTIAN 2,801,219
RASHID, TAYYAB 2,731,800
RATABOUL, FRANCK 2,806,941
RATIOPHARM GMBH 2,800,444
RAUM, MATTHEW THOMAS 2,924,957
RAVELLI, EMMANUEL 2,948,015
RAY, JAMES C. 2,762,069
RAYMOND, DOUGLAS M. 2,937,025
REA, DAVID 2,965,656
READNOUR, CHRISTINE MARIE 2,784,318
REBSDORF, ANDERS VARMING 2,743,809
REESE, BLAKE 2,919,247
REG SENECA, LLC 2,895,444
REISS, THOMAS J., JR. 2,838,075
RELO, ANA-LUCIA 2,797,019
REM TECHNOLOGY, INC. 2,905,319
REMINGTON, JAMES A. 2,964,510
REN, YI 2,768,632
RENAT, JEAN-CHRISTOPHE 2,776,869
RENNER, ROSS NEAL 2,841,233
RENTSCH, SAMUEL 2,822,835
RESEARCH FRONTIERS INCORPORATED 2,800,137
RESPAN PRODUCTS, INC. 2,732,216
RIAD, ABDELMOUNAIM 2,745,514
RICHARDSON, JON 2,858,169
RIGGS, JENNIFER 2,740,975
RIKKONEN, KARI 2,862,519
RILEY, JONATHAN 2,793,921
RIMKUS, KATRIN 2,800,444
RINK, RICHARD J. 2,690,657
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,924,572
RITCHIE, SHAWN 2,676,109
RIVES, ALLEN KENT 2,826,068
RIVIERE, JEAN 2,863,546
ROACH, JOHN P. 2,818,049
ROATIS, CALIN 2,844,382
ROBERT, RENE 2,982,615
ROBERTSEN, LEIF 2,801,987
ROBINSON, CLIFF 2,977,049
ROBINSON, DAVID REID 2,935,571
ROBINSON, LANCE T. 2,912,288
ROBSON, PHILIP 2,708,921
ROBY, RICHARD J. 2,761,673
ROCHESTER INSTITUTE OF TECHNOLOGY 2,824,866
ROGERS, JEFFREY 2,824,866
ROGOFF, HARRY 2,911,990
ROMARHEIM, ODD HELGE 2,814,450
ROSENBERG, ILYA 2,714,534
ROSENBERG, MAIK 2,847,124
ROSENFIELD, SHOSHANA C. 2,862,020
ROSUMEK, MARIUS 2,919,756
ROSVALL, MAGNUS 2,760,094
ROTBERG, ERIC 2,736,638
ROWLAND, JAMES 2,934,696
ROY, SAYANTAN 2,922,369
ROYCE, TOM N. 2,877,830
RUCKER, SHAWN GLENN 2,812,923
RUDHAGER, PETER 2,775,088
RUEHLE, ECKARD 2,863,546
RUELAS, JOSE J. 2,787,010
RUSSELL, BARRY 2,795,884
RUSSELL, ROBIE G. 2,963,575
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,668,342
RYAN, DACEY J. 2,761,963
RYAN, DARRAGH 2,933,286
RYAN, JEFFREY S. 2,875,995
RYDENHAG, DANIEL TOBIAS 2,823,659
S&P INGREDIENT DEVELOPMENT, LLC 2,908,907
SABBAH, HANI N. 2,662,169
SADANA, ANIL K. 2,922,369
SADVARY, RICHARD J. 2,902,336
SAF-HOLLAND GMBH 2,921,159
SAFRAN AERO BOOSTERS SA 2,772,720
SAFRAN AERO BOOSTERS SA 2,896,164
SAGER, HEINZ 2,779,563
SAINT-GOBAIN GLASS FRANCE 2,910,935
SAITO, HIROMICHI 2,809,319
SAITO, YAMATO 2,917,792
SAKAMAKI, YOSHIAKI 2,822,758
SAKAMOTO, TAKASHI 2,976,318
SAKURADA, EISAKU 2,882,333
SALAMANDER PRECISION TECHNOLOGY LIMITED 2,784,477
SALDANHA, JOSE W. 2,443,903
SALKINTZIS, APOSTOLIS K. 2,927,189
SALONEN, MARKO 2,862,519
SALVADOR, PATRICK 2,814,974
SAMSUNG ELECTRONICS CO., LTD. 2,857,365
SAMSUNG ELECTRONICS CO., LTD. 2,870,531
SAMSUNG PAY, INC. 2,897,140
SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH 2,936,372
SANKAR, SABITA 2,740,975
SANO, MASAKI 2,884,363
SAPIENZA, JOHN 2,740,975
SASIDHARAN, MANIKANDAN 2,883,196
SATO, DAISUKE 2,917,792
SATO, HIDEAKI 2,976,318
SATO, SEI 2,805,101
SAUNDERS, CRAIG 2,812,520
SAVARI, SHARETH 2,873,200
SAWA, MASAAKI 2,919,068
SAXE, ROBERT L. 2,800,137
SCEATS, MARK 2,925,924
SCHAEDE, JOHANNES GEORG 2,782,999
SCHAYOWITZ, ADAM 2,795,362
SCHEFBANKER, GERHARD 2,797,572
SCHEFFLER, TOWNER BENNETT 2,851,804
SCHEUCH, GERHARD 2,751,443
SCHLAGE LOCK COMPANY LLC 2,926,206
SCHMALZ, CHRISTIAN 2,736,141
SCHMELZER, ANTJE 2,736,141
SCHMID, JENS 2,728,879
SCHMIDT, ARNE 2,790,601
SCHMIDT, ARNE 2,910,901
SCHMIDT, KLAUS 2,658,778
SCHMIDT, MICHAEL 2,658,778
SCHMITZ, AXEL 2,713,258
SCHMITZ, BRUNO 2,919,200
SCHNEIDER, UWE 2,935,208
SCHORKHUBER, JAKOB 2,948,542
SCHOTT AG 2,920,697
SCHROEBEL, SVEN 2,790,601
SCHULZ, MICHAEL 2,739,369
SCHWEITZER-MAUDUIT INTERNATIONAL, INC. 2,891,884
SCHWITZKY, VOLKMAR ROLF 2,782,999
SEARLE, GARY 2,749,320
SEEDMASTER MANUFACTURING LTD. 2,909,260
SEEGMILLER, DANIEL LEON 2,801,257
SEKISUI MEDICAL CO., LTD. 2,756,106
SELA, GAL 2,960,528
SELLIN, ANNICKA 2,760,094
SENGER, TORALF 2,744,930
SENGUL, ORHAN 2,890,242
SENOMYX, INC. 2,731,800
SENVION GMBH 2,786,561
SEQUEIRA, CLARENCE 2,883,681
SETHURAMAN, SWAMINATHAN 2,748,892
SETIER, JEAN-CLAUDE 2,776,869
SETLUR, VIDYA 2,801,337
SEUX, HERVE 2,554,674
SHAFFER, DANIEL A. 2,912,288
SHAH, RAJIV 2,787,010
SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD. 2,861,262
SHANLER, MICHAEL S. 2,710,729
SHARIFI-MEHR, AMIR ALI 2,846,149
SHEEHAN, JOSEPH 2,818,049
SHEETS, JOHN 2,639,662
SHETH, KETANKUMAR K. 2,920,876
SHETH, RAJESH SUDHAKER 2,755,913
SHEVLIN, GRAZIELLA 2,740,975
SHI, GENBAO 2,696,664
SHI, NIANSHAN 2,882,145
SHIM, JONGWON 2,847,830
SHIMATANI-SHIBATA, YUKO 2,721,653
SHIMIZU, HITOMI 2,721,653
SHIRAI, SHO 2,976,318
SHOUP, JARED ROWLAND 2,960,528
SHOWALTER, BRETT M. 2,795,730
SHRIVASTAVA, SANJAY 2,716,260
SHUTO, HIROSHI 2,882,333
SIEMENS AKTIENGESELLSCHAFT 2,759,447
SIEMENS AKTIENGESELLSCHAFT 2,790,567

SIEMENS AKTIENGESELLSCHAFT 2,912,946
SIEVERNICH, BERND 2,782,800
SIGNAL PHARMACEUTICALS, LLC 2,740,975
SIGNOPTIC TECHNOLOGIES 2,554,674
SILBERBERG, ERIC 2,919,200
SIMEON, BERTIN 2,897,857
SIMON, JEAN-LUC 2,709,850
SIMONEAU, CORDELL 2,857,888
SIMONOTTI, CARLO 2,702,162
SIMONS, HORST 2,866,551
SIMPSON, JOHN A. 2,888,775
SIMPSON, JOHN B. 2,803,992
SINGH, SHANKAR MOHAN 2,933,693
SINGLE BUOY MOORINGS, INC. 2,801,219
SINUR, RICHARD R. 2,719,399
SIVASUBRAMANIAN, SWAMINATHAN 2,755,913
SIVIGNON, ADELINE 2,709,850
SIXTA, HERBERT 2,873,106
SKIDMORE OWINGS & MERRILL LLP 2,826,202
SKREDE, ANDERS 2,814,450
SKUTNIK, PETER 2,749,320
SLEE, EARL HOWARD 2,716,260
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 2,720,771
SLOVAK, STEVEN M. 2,800,137
SMALLEGANGE, MARTIN JAN 2,767,958
SMART, KATHLEEN FRANCES 2,948,909
SMARTFLOW TECHNOLOGIES, INC. 2,750,263
SMEGAL, RAYMOND T. 2,840,255
SMIECINSKI, THEODORE M. 2,790,737
SMITH, BARRY 2,851,023
SMITH, BECCY 2,918,822
SNECMA 2,777,035
SNECMA 2,781,776
SNECMA 2,782,043
SNECMA 2,795,402
SNECMA 2,820,415
SNELLMAN, CARL 2,845,922
SOCCI, EDWARD PETER 2,883,681
SOLARLYTICS, INC. 2,937,025
SOLETTI, LORENZO 2,784,021
SOLVAY 2,776,869
SOLYSTIC 2,924,266
SONG, HAK-SUP 2,857,365
SONY CORPORATION 2,562,867
SONY CORPORATION 2,948,124
SOREL, CHRISTIAN 2,785,001
SPECTRACURE AB 2,649,368
SPENCER, MAEGAN 2,803,992
SPEX CORPORATE HOLDINGS LIMITED 2,965,751
SPGPRINTS B.V. 2,767,958
SPICER, DAVID B. 2,815,360
SPIIK, ANN-KRISTIN 2,738,070
SPIRAX-SARCO LIMITED 2,894,373
SPONCHIA, BARTON 2,818,049
SPOOR, PETER BENJAMIN 2,767,958
SPRINGER MASCHINENFABRIK GMBH 2,966,924
SQUARE ENIX CO., LTD. 2,805,101
SQUARE ENIX HOLDINGS CO., LTD. 2,853,212
STACEY, SAMUEL 2,792,055
STAHL, TRACEY LYNN 2,787,344
STALLINGS, JOSEPH 2,936,288
STANFILL, CRAIG W. 2,891,196
STANIFORTH, JOHN 2,522,158
STARKS, THOMAS RAY, II. 2,877,830
STEIN, JOSHUA 2,846,149
STEPHANY, ANTOINE 2,772,720
STEPHENS MANUFACTURING COMPANY INC. 2,810,072
STEPHENS, PAUL 2,812,520
STERIS INC. 2,812,761
STEUERNAGEL, ARND 2,837,804
STEUERWALD, JOERG 2,782,800
STEVANATO GERMANY GMBH 2,895,281
STEVENSON, PAUL R. 2,762,069
STEWART, NEAL G. 2,761,963
STEWART, ROBERT C. 2,826,202
STOCKMASTER, JAMES 2,919,247
STODDARD, ROBERT B. 2,905,130
STORK, CHRISTOF 2,850,298
STOTT, COLIN 2,708,921
STRASEMEIER, JOHN ANDREW 2,892,311
STRENGNART, MARC 2,772,720
STRONG, KEVIN CHARLES 2,916,000
STRONG, KEVIN CHARLES 2,916,003
STRYKER EUROPEAN HOLDINGS I, LLC 2,846,149
SUBRAMANIAN, RUPA 2,862,020
SUBSEA ASSET LOCATION TECHNOLOGIES LIMITED 2,804,722
SULLENBERGER, MICHAEL T. 2,913,914
SUMITOMO METAL MINING CO., LTD. 2,976,318
SUN, GUOQING 2,861,262
SUN, SHAOYANG 2,923,777
SUNDHOLM, GOERAN 2,789,347
SUNG, SIYONG 2,741,305
SUNTORY HOLDINGS LIMITED 2,910,083
SUPER, BOAZ J. 2,914,799
SUSTAINED NANO SYSTEMS LLC 2,759,807
SUTER, MARK 2,786,333
SUTTI, RISTO 2,862,519
SVANBERG, SUNE 2,649,368
SVENSSON, EMIL 2,914,153
SVENSSON, KJELL-AKE 2,914,153
SWAMI, SADASHIV 2,797,649
SWARUP, SHANTI 2,902,336
SWIATEK, GLENN J. 2,772,528
SWIENTON, ANDREW E. 2,832,288
SWISS KRONO TEC AG 2,862,988
SYFKO, PAUL 2,779,981
SYMBOL TECHNOLOGIES, LLC 2,914,799
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,888,257
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,960,528
TACHDJIAN, CATHERINE 2,731,800
TAIHO PHARMACEUTICAL CO., LTD. 2,914,999
TAKASHIMA, YOSHIKAZU 2,562,867
TAKETSU, HIROFUMI 2,871,293
TALLEY, RICHARD H. 2,895,444
TALLMADGE SPINNING & METAL COMPANY 2,790,173
TAM, WING MAN 2,814,180
TANG, XIAO QING 2,731,800
TANNER, ROLAND 2,782,473
TAO, WEIGUO A. 2,795,919
TATE, STEPHEN A. 2,811,470
TAYLOR, ADAM 2,778,058
TAYLOR, KIMBERLY L. 2,655,133
TAYLOR, LARRY 2,918,803
TAYLOR, MARTIN 2,941,400
TECHNIP E&C LIMITED 2,790,718
TEHRANI, LIDA 2,740,975
TEKA INDUSTRIAL S.A. 2,681,846
TEKDRY INTERNATIONAL, INC. 2,927,450
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,786,812
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,882,145
TELNACK, LEE JOSEPH 2,916,928
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,870,106
TENDYRON CORPORATION 2,916,341
TESCO CORPORATION 2,956,692
TETZLAFF, STEVEN K. 2,912,288
THACKER, PRADEEP S. 2,727,835
THACKER, STEVE HOWARD 2,825,848
THALES 2,726,133
THALES 2,740,754
THALES 2,745,514
THALES 2,760,435
THALES 2,779,205
THALES 2,781,137
THE BOEING COMPANY 2,793,199
THE BOEING COMPANY 2,866,249
THE BOEING COMPANY 2,878,541
THE BOEING COMPANY 2,943,126
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,398,872
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,806,105
THE JOHNS HOPKINS UNIVERSITY 2,658,421

THE JOHNS HOPKINS UNIVERSITY 2,786,717
THE LUBRIZOL CORPORATION 2,762,069
THE MOSAIC COMPANY 2,792,055
THE NIPPON SIGNAL CO., LTD. 2,850,307
THE PROCTER & GAMBLE COMPANY 2,784,318
THE PROCTER & GAMBLE COMPANY 2,803,377
THE PROCTER & GAMBLE COMPANY 2,892,311
THE PROCTER & GAMBLE COMPANY 2,916,000
THE PROCTER & GAMBLE COMPANY 2,916,003
THE PROCTOR & GAMBLE COMPANY 2,908,536
THE PROCTOR & GAMBLE COMPANY 2,935,208
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,662,169
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,731,612
THE ROGOSIN INSTITUTE 2,851,023
THE UAB RESEARCH FOUNDATION 2,635,208
THE WILL-BURT COMPANY 2,812,936
THE WILL-BURT COMPANY 2,854,456
THEPEOPLE.DE GMBH 2,891,677
THERAVANCE BIOPHARMA R&D IP, LLC 2,869,640
THEURET, ROBERT C. 2,826,858
THIELEN, ANDREW D. 2,882,829
THINGVOLD, SHERYL RAE 2,888,257
THINX INC. 2,966,514
THOENI, STEWART 2,790,119
THOMAS & BETTS INTERNATIONAL, LLC 2,881,736
THOMAS & BETTS INTERNATIONAL, LLC 2,887,778
THOMAS, DOUGLAS 2,885,020
THOMAS, STEVEN D. 2,885,020
THOMPSON, ELIZABETH CHABNER 2,827,608
THOMPSON, JEFFREY A. 2,789,709
THOREEN, ADAM M. 2,793,199
THREE RIVERS CARDIOVASCULAR SYSTEMS INC. 2,954,959
THYSSENKRUPP POLYSIUS AG 2,818,801
TIAN, CHANGAN 2,881,921
TIGER 19 PARTNERS, LTD. 2,826,068
TIIROLA, ESA TAPANI 2,885,269
TILTMAN, CARL PETER 2,804,722
TIME MANUFACTURING COMPANY 2,875,045
TIMMERMANN, ALWIN 2,910,935
TISSLER, ARNO 2,876,590
TITAN MEDICAL INC. 2,982,615
TOBYN, MICHAEL 2,522,158
TOIDA, MASASHI 2,911,892
TOLONEN, LASSE 2,873,106
TONUS, SERGE 2,745,514
TORIKOSHI, KAORU 2,897,443
TORNAMBE, PAUL E. 2,888,775
TOTAL RAFFINAGE FRANCE 2,816,628
TOTAL S.A. 2,736,096
TOTAL S.A. 2,776,869
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,892
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,940,790
TRACTON, KENNETH 2,845,922
TRAITEMENT VALORISATION DECONTAMINATION (TVD) 2,776,869
TRIVERUS, LLC 2,798,425
TRONCOSO-MUNOZ, ENRIQUE 2,866,249
TROY CORPORATION 2,820,759
TSCHETTER, DOUGLAS J. 2,834,748
TSUKAMOTO, YASUSHI 2,850,307
TSUTSUMI, KOJIRO 2,897,443
TUBITAK 2,890,242
TUDOR, MIRCEA 2,803,089
TUFTS, LINDSEY, JR. 2,812,520
TULLOCH, ANDREW MALCOLM 2,804,722
TYCO HEALTHCARE GROUP, LP 2,716,260
TZONEV, VLADIMIR 2,897,857
UCHIMURA, KOUICHI 2,562,867
UECKER, TIMOTHY M. 2,873,438
UEDA, KENJIRO 2,562,867
UNDERHILL, GARY 2,691,431
UNGRADY, ERIC B. 2,918,803
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL - UFRGS 2,740,080
UNIVERSITE D'AUVERGNE CLERMONT I 2,709,850
UNIVERSITE DU DROIT ET DE LA SANTE LILLE 2 2,709,850
URAM, SCOTT 2,708,995
URFIC-INDUSTRIA DE FERRAGENS S.A 2,775,088
URMSON, WILLIAM T., JR. 2,964,510
VALAKH, VLADZIMIR 2,740,662
VAN BREUGEL, JAN 2,776,573
VAN DONK, SANDER 2,816,628
VAN DOORSELAER, SEAN ROBERT 2,893,619
VAN HEKKEN, HENDRIK R. 2,801,359
VAN LARE, CORNELIS ELIZABETH JOHANNUS 2,782,583
VAN ORDEN, LORI JEAN 2,869,640
VANBESIEN, DARYL W. 2,736,638
VANDEKERCKOVE, PASCAL 2,709,850
VANDEN EYNDE, XAVIER 2,919,200
VANHATALO, KARI 2,801,987
VASENKARI, PETRI 2,880,503
VECOR IP HOLDINGS LIMITED 2,832,973
VECTURA GMBH 2,751,443
VECTURA LTD. 2,522,158
VELUSWAMY, SELVAKUMARESAN 2,796,668
VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT 2,914,153
VERDINE, GREGORY L. 2,768,299
VEREGIN, RICHARD P. N. 2,736,638
VERMEERSCH, MICHAEL L. 2,794,150
VERNOCHET, MAURICE GEORGES 2,795,402
VETTER, MARCEL 2,874,537
VIACELL, LLC 2,789,709
VIAMET PHARMACEUTICALS (NC), INC. 2,913,914
VIAZOVKINA, EKATERINA 2,419,563
VILLEGAS, JAIME E. 2,526,639
VINCENT, ADAM 2,925,924
VINCENT, KEITH ALAN 2,793,921
VISA U.S.A. INC. 2,639,662
VISWANATH, VEENA 2,855,195
VOGEL, HANS E. 2,798,425
VOGLER, KLAUS 2,927,836
VON BORSTEL, REID W. 2,761,963
VONG, CUONG 2,736,638
VOSKANYAN, GAYANE 2,787,010
VUORENPALO, VELI-MATTI 2,801,987
W.L. GORE & ASSOCIATES, INC. 2,917,010
WABTEC HOLDING CORP. 2,825,401
WACKER CHEMIE AG 2,919,756
WAITE, PETER DONALD 2,924,572
WAKILEH, GEORGE I. 2,832,288
WALKER, THOMAS CHAD 2,841,761
WALLACE, PAUL STEVEN 2,727,835
WALLACE, THOMAS EDWARD 2,690,657
WALLGREN, MARK E. 2,810,072
WALLINGER, MARTIN 2,797,572
WALTON, ZACHARY W. 2,899,025
WAN, MINGJIN 2,923,777
WANG, DONGYAN 2,800,137
WANG, RONG 2,857,785
WANG, YE-KUI 2,884,422
WANG, YING 2,797,019
WARD, LEE PATRICK 2,926,083
WARD, ROBERT 2,969,680
WARE, ROY W. 2,809,679
WARNER, MARK 2,965,656
WASSON, ANDREW PAUL 2,812,936
WASSON, ANDREW PAUL 2,854,456
WATANABE, FUMIAKI 2,945,602
WATLOW ELECTRIC MANUFACTURING COMPANY 2,797,572
WATNICK, TERRY J. 2,658,421
WAVELIGHT GMBH 2,927,836
WAYNE STATE UNIVERSITY 2,739,250
WEAVER, GLENN 2,713,258
WEBER, URBAN 2,920,697
WEGLARZ, ADAM 2,911,922

WEI, WUXIANG 2,931,472
WEI, XIONGHUI 2,923,777
WEINKLE, DAVID 2,774,272
WEIR MINERALS AUSTRALIA LTD 2,689,475
WEISNER, BRIAN 2,708,995
WELLNITZ, BRIAN R. 2,719,399
WELLS, ELIZABETH L. 2,913,809
WEN, YONGKUI 2,965,656
WENDT, TOBIAS 2,789,121
WESTINGHOUSE ELECTRIC COMPANY LLC 2,826,858
WHIRLPOOL CORPORATION 2,681,846
WHITEHEAD, JAMES H. 2,914,207
WICKS, PAUL 2,758,481
WIDMAN, MICHAEL F. 2,792,847
WIDU, ALFRED 2,966,924
WIEDEMANN, JIM 2,939,668
WILDER, THOMAS, III 2,716,260
WILK, JOHN 2,946,634
WILKEN, JORG THOMAS 2,820,759
WILKIE, DAVID JAMES 2,965,751
WILKINSON, BRADLEY M. 2,909,176
WILSON, BROWN LYLE 2,920,876
WILT, DONALD E. 2,838,144
WILTON, DONNA 2,869,640
WINSHIP, PHILLIP, STEVEN 2,738,095
WISER, DANIEL ALLEN 2,812,923
WIZOREK, ANDREW M. 2,875,995
WOERMAN, MARK, L. 2,801,287
WOLF, JOHANNA 2,858,446
WOLFE, KATHERINE T. 2,787,010
WOLFE, ROARK N. 2,917,010
WOLFSCHOON-POMBO, ALAN FREDERICK 2,708,548
WON, ANNIE 2,720,771
WONG, ALEXANDER SHEUNG LAI 2,937,230
WOO, RICKY AH-MAN 2,784,318
WOOD, JOE M. 2,792,847
WRANOVSKY, STEVEN RICHARD 2,888,257
WRIGHT, DEAN 2,562,850
WRIGHT, JAMES ANDERSON 2,768,632
WU, DAGANG 2,895,780
WU, JIAJU 2,857,785
WU, YONG 2,861,262
WU, ZHUANGFEI 2,786,812
WUTPOOL, INC. 2,708,995
WYLER, JAMES M. 2,875,995
XEROX CORPORATION 2,736,638
XIAO, JIANBAI 2,923,777
XIE, TAO 2,794,150
XU, DAN-XIA 2,728,879
XU, LIWEI 2,861,262
XU, WEIMING 2,740,975
XU, XIANGLING 2,902,336
XYLEM WATER SOLUTIONS ZELIENOPLE, LLC 2,787,497
YALCINER, LEVENT BURAK 2,890,242
YAMAGISHI, YASUAKI 2,948,124
YAMAMOTO, KAZUO 2,562,867
YAMAMOTO, KAZUO 2,911,892
YAMAMOTO, MASAYA 2,871,293
YAMAMOTO, MITSUAKI 2,756,106
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AVENT, INC. 2,989,159
AVENT, INC. 2,995,329
AVENT, INC. 2,995,330
AVENT, INC. 2,996,679

AVENU MEDICAL, INC. 2,996,168
AVERY, AZURE DEE 2,994,680
AVOGADRI-CONNORS, FRANCESCA 2,996,059
AXRUP, LARS 2,996,090
AYALON, ORAN 2,996,386
AYLOTT, HELEN ELIZABETH 2,996,245
B/E AEROSPACE, INC. 2,996,113
BAASOV, TIMOR 2,996,763
BAATH, LARS 2,995,635
BABISH, JOHN G. 2,996,627
BACA, ADRA SMITH 2,996,288
BACHMAN, TROY DALE 2,995,205
BACINO, JOHN E. 2,995,846
BACKBEAT MEDICAL, INC. 2,996,312
BAETZ, HOLGER 2,995,237
BAIRD, LEEMON C., III 2,996,714
BAIRD, ROSLYN JANE 2,995,400
BAKER HUGHES, A GE COMPANY, LLC 2,995,704
BAKER HUGHES, A GE COMPANY, LLC 2,995,761
BAKER HUGHES, A GE COMPANY, LLC 2,995,945
BAKER, DARRYL 2,996,380
BALAN, RAJESH 2,996,306
BALDWIN, ERIC THOMAS 2,995,754
BALIGA, SHANKAR B. 2,995,121
BALL CORPORATION 2,996,493
BALL, NATHANIEL B. 2,995,356
BALLANCE, WILLIAM P. 2,996,282
BALOGLU, ERKAN 2,995,380
BALZER, WILLIAM BRADLEY 2,995,737
BAME, GREGORY A. 2,996,187
BAME, GREGORY A. 2,996,204
BANIEL, AVRAHAM 2,996,661
BANIEL, AVRAHAM 2,996,664
BANIEL, ERAN 2,996,661
BANIEL, ERAN 2,996,664
BAO, JIAN 2,995,029
BARABANOV, SERGEY NIKOLAEVICH 2,996,133
BARERE, AARON M. 2,996,287
BARGO, MATTHEW, II 2,995,768
BARKER, CARL DAVID 2,995,143
BARNES, MICHAEL 2,995,748
BARON, SCOTT J. 2,996,673
BARONIA, BENEDICTO C. 2,996,148
BARRETT, STEPHEN JOHN 2,995,311
BARRY, PETER 2,995,328
BASF AGRO B.V. 2,995,644
BASF CORPORATION 2,996,032
BASF SE 2,994,998
BASF SE 2,994,999
BASF SE 2,995,006
BASF SE 2,995,745
BASF SE 2,995,901
BASKAR, SIVASUBRAMANIAN 2,996,205
BASTOS, CESAR DA SILVA 2,996,336
BASTOS, CESAR DA SILVA 2,996,353
BASU MALLICK, PRATEEK 2,995,519
BATRA, HITESH 2,995,364
BATTON, CAROL B. 2,996,063
BAUDER-WUEST, ULRIKE 2,996,330
BAX, JEFFREY 2,996,597
BAXTER, GEOFF 2,995,618
BAYER ANIMAL HEALTH GMBH 2,995,648
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,995,304
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,995,306
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,995,900
BAYER HEALTHCARE LLC 2,996,525
BAYER HEALTHCARE LLC 2,996,527
BAYER PHARMA AKTIENGESELLSCHAFT 2,994,596
BAYER PHARMA AKTIENGESELLSCHAFT 2,995,887
BAYER PHARMA AKTIENGESELLSCHAFT 2,995,905
BAYER PHARMA AKTIENGESELLSCHAFT 2,995,949
BAYLOR, BRYAN TODD 2,995,400
BAZINET, PATRICK R. 2,987,720
BEACH, JACK 2,996,013
BEATTIE, JAMES KENNETH 2,996,461
BEAUJOT, PATRICK M. 2,996,482
BECHEN, DOMINIC RENE 2,995,006
BECTON, DICKINSON AND COMPANY 2,995,591
BEDOE, SCOTT 2,996,289
BEEKMANN, ALFRED 2,996,065
BEESLEY, ROBERT C. 2,996,324
BEESON, DWAYNE WILLIAM 2,996,625
BEGUM-GAFUR, REHANA 2,996,321
BEIERSDORF AG 2,996,091
BEINEKE, PHILIP 2,996,191
BEISEL, JOSEPH A. 2,995,687
BELANGER, MICHAEL J. 2,995,119
BELL SPORTS, INC. 2,996,523
BELLEMORE, MARC 2,996,327
BELLESCHI, MARCO 2,995,641
BELLNIER, DAVID A. 2,996,501
BELOSLUDTSEV, YURI 2,996,798
BEMIS COMPANY, INC. 2,995,981
BENDELE, KEVIN 2,995,469
BENDER, JACK 2,994,999
BENESOVA, MARTINA 2,996,330
BENKE, JAMES J. 2,996,301
BENSON, WALT 2,996,176
BENZ, CHRISTIAN 2,995,901
BERDY, DAVID FRANCIS 2,995,621
BERGER, CHRISTOPH 2,994,992
BERGMAN, JOHAN 2,995,641
BERKOWITZ, PERE 2,996,289
BERNIER, DAVID 2,995,304
BERRELL, IAN PATRICK 2,996,605
BERRYMAN, KYLE 2,996,659
BERTHOD, PATRICE 2,996,217
BERTIN, PAUL 2,995,706
BEUHLER, ALLYSON 2,995,706
BEUTERBAUGH, AARON M. 2,995,680
BHADRA, MADHULEENA 2,996,319
BI, DAOSHEN 2,996,147
BIAN, BAIGUI 2,996,166
BIFULCO, CARLO 2,995,748
BIFULCO, NEIL 2,995,997
BILOTTI, ELIZABETH 2,996,177
BIOBALANCE CO., LTD. 2,996,816
BIOMEDICAL ENTERPRISES, INC. 2,995,277
BIONTECH AG 2,996,467
BIRKELAND, PETTER 2,996,267
BISHOP, SETH J. 2,995,840
BIVINS, GERRICK O. 2,996,269
BJM PUTTER GRIPS LIMITED 2,996,224
BLACK & VEATCH HOLDING COMPANY 2,996,311
BLACKBERRY LIMITED 2,995,311
BLACKBURN, JEFF 2,994,680
BLACKTREE FITNESS TECHNOLOGIES INC. 2,996,475
BLANDINO, THOMAS P 2,996,342
BLEDSOE, DAVID 2,995,395
BLOMMEL, PAUL GEORGE 2,995,149
BLUEPRINT MEDICINES CORPORATION 2,995,997
BLUMSTEIN, ANNE-CATHERINE 2,994,996
BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,995,996
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY 2,995,576
BOCK, CHRISTOPH 2,995,305
BOCKO, MARK F. 2,995,833
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,995,881
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,996,087
BOELTE, WILLIAM F. 2,996,556
BOIGARD, HELENE 2,996,762
BOLIN, GORAN 2,995,023
BOLZE, JOHN D. 2,996,683
BOMBARDIER, NICOLAS 2,996,418
BONDY, STEVEN S. 2,995,004
BONETTI, SERENA 2,995,654
BONNEAU, WALTER C. 2,995,256
BOREALIS AG 2,996,067
BORJA, DEMETRIO BELLOCIDO 2,995,768
BORKE, BRIAN SCOTT 2,995,118
BOTTCHER, ROLF-DIETER 2,995,742
BOU BALUST, ELISENDA 2,996,300
BOUCHARD, PIERRE 2,996,651
BOURASSA, GUY 2,996,651
BOVEDA, INC. 2,996,271
BOWEN, DAVID J. 2,996,295
BOWMAN, DOUG 2,995,604
BOWMAN, KENNETH C. 2,996,320
BOXELL, CONNER D. 2,996,317
BOXHAMMER, RAINER 2,995,738
BOYLAN, NICHOLAS 2,995,990
BRAASCH, ANDREW MARTIN 2,995,730
BRADBURY, THOMAS J. 2,996,041
BRADNER, JAMES 2,995,036
BRADY, TODD 2,996,183
BRADY, TODD 2,996,186

BRAMA, MARWAN 2,996,358
BRAMBLE, BARRY ALAN 2,994,994
BRAND, STEPHEN 2,994,997
BRANKO, LUKIC 2,995,147
BRANKO, LUKIC 2,995,152
BREMER, TROY M. 2,996,053
BREON, JONATHAN P. 2,996,202
BREWER, KENNETH 2,995,587
BREWER, MICHAEL L. 2,996,269
BRIEM, HANS 2,994,596
BRIFF, PABLO 2,995,136
BRIGNONE, CHRYSTELLE 2,995,639
BRIJWANI, KHUSHAL 2,996,642
BRINGUIER, ANNE GERMAINE 2,995,237
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,996,340
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,996,341
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,996,342
BRODBECK, URS 2,995,808
BRODT, GREGOR 2,995,006
BROERMAN, ANDREW W. 2,996,189
BROMLEY, PHILIP J. 2,996,414
BROOIJMANS, NATASJA 2,995,997
BROWN, JAMES H. 2,996,591
BROWN, JEREMY 2,996,703
BROWNING, GLENN FRANCIS 2,995,101
BRUCH, HARALD KLAUS LUDWIG 2,996,367
BRUCKNER, THOMAS 2,995,301
BRUCKNER, THOMAS 2,995,334
BRUGGEMANN, NICOLE 2,995,747
BRUNET, STEPHANE 2,995,304
BUCKLEY, DENNIS 2,995,036
BUENAVENTURA, DON 2,995,604
BUER, KENNETH 2,995,587
BUERGER, JOCHEN 2,996,367
BULLOCK, MARK A. 2,995,852
BULMAN, ERIK 2,996,166
BUNCHUK, VITALIY 2,996,314
BUNGE OILS, INC. 2,995,842
BUNNIK, EVELIEN MARGARETHA 2,995,740
BURCHICK, JOSEPH 2,996,202
BURGESS, JAMES 2,996,289
BURKE, SHAWN M. 2,994,993
BURKHOFF, DANIEL 2,996,312
BURKLE, ALEC DANE 2,996,292
BURT, REBECCA LYNN 2,996,288
BUSCH-SORENSEN, THOMAS 2,995,993
BUSCHE, DAVID 2,995,981
BUSH, PETER ROBERT 2,995,654
BUTTIKER, PHILIPP 2,996,366
BUTUC, STELUTA GINA 2,996,095
BYERS, MARC L. 2,996,805
BYUN, DA MI 2,995,766
C&D ZODIAC, INC. 2,996,029
C3 IOT, INC. 2,996,845
C3 IOT, INC. 2,996,846
CAI, ZHENWEI 2,995,369
CAIN, MATTHEW AARON 2,995,630
CALCATERRA, FARRELL F. 2,995,765
CALHOON, JOHN H. 2,996,036
CALLEWAERT, NICO 2,995,145
CAMILLERI, DOMINIC 2,996,269
CAMPBELL, ELLIOT 2,995,838
CAMPBELL, LOUIS A. 2,995,855
CAMPEAU, GERARD 2,996,470
CAMPOS-GONZALEZ, ROBERTO 2,996,529
CAMSO INC. 2,996,648
CAMSO INC. 2,996,650
CANTU, ALFREDO R. 2,995,819
CAO, GANFENG 2,995,361
CAPSOL-EOP AS 2,996,247
CAPUTO, JIMMY C. 2,995,986
CARACCIOLO, ANTHONY R. 2,995,359
CARAM, HUGO S. 2,996,008
CARCAMO OLMOS, ELISEO 2,996,583
CARDINALE, JENS 2,996,330
CARDIODX, INC. 2,996,191
CARDOSO, ROSA MARIA FERNANDES 2,995,754
CARLIN, EDWARD PAUL 2,995,115
CARLIN, EDWARD PAUL 2,995,116
CARLIN, EDWARD PAUL 2,995,117
CARMINE GIUNTI DE OLIVEIRA, LUIZ 2,996,385
CARPIO, VALENTINA 2,995,190
CARROLL, MICHAEL THOMAS 2,996,151
CASTELBLANCO, CARL STEVEN 2,995,451
CASTELBLANCO, GUILLERMO 2,995,451
CATERPILLAR INC. 2,996,286
CATTANEO, CARLO 2,996,745
CAUSSE, EMMANUEL 2,996,840
CEDARS-SINAI MEDICAL CENTER 2,996,425
CEDARS-SINAI MEDICAL CENTER 2,996,426
CELLECTIS 2,995,632
CELLIX BIO PRIVATE LIMITED 2,996,260
CEMM FORSCHUNGSZENTRUM FUR MOLEKULARE MEDIZIN GMBH 2,995,305
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,995,406
CENTRO DE INVESTIGACION PRINCIPE FELIPE 2,995,057
CEPHALON, INC. 2,996,308
CESA, JOE 2,995,329
CESA, JOE 2,995,330
CEVA SAUDE ANIMAL LTDA 2,996,336
CEVA SAUDE ANIMAL LTDA 2,996,353
CHAMBERS, LARRY DELYNN 2,996,132
CHAN, CHRISTOPHER YEN-CHU 2,996,683
CHANDLER, BRETT 2,995,761
CHANG, TSE-WEN 2,996,652
CHANG, TSE-WEN 2,996,653
CHANG, WONSUK 2,995,365
CHAO, YU-SHENG 2,996,281
CHARVIN, DELPHINE 2,995,313
CHASE PHARMACEUTICALS CORPORATION 2,996,717
CHASE PHARMACEUTICALS CORPORATION 2,996,719
CHASE, THOMAS N. 2,996,717
CHASE, THOMAS N. 2,996,719
CHAU, B. NELSON 2,995,996
CHAUDHURY, MANOJ K. 2,996,008
CHAY, CATHERINE A. 2,996,295
CHEATHAM, JESSE R., III 2,996,413
CHEBBI, IMENE 2,996,378
CHEFD'HOTEL, CHRISTOPHE 2,995,748
CHEN, AUSTIN 2,996,316
CHEN, AUSTIN 2,996,318
CHEN, DAWEI 2,996,415
CHEN, JIANBO 2,996,363
CHEN, SHAOFENG 2,996,363
CHEN, SONGHUA 2,996,693
CHEN, TING 2,995,748
CHEN, ZHIQING 2,996,611
CHENEY, DANIEL F. 2,995,277
CHENEY, JUSTIN LEE 2,996,175
CHENG, PU-SHENG 2,995,140
CHENG, YUAN 2,995,684
CHERIAN, GEORGE 2,996,194
CHERNUKHIN, VLADIMIR IVANOVICH 2,996,133
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,996,315
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,996,317
CHEYL PTY LTD AS TRUSTEE FOR ISAIAH 61 FAMILY TRUST 2,996,662
CHHABRA, AKANKSHA 2,996,167
CHILDERS, MATTHEW LLOYD 2,995,365
CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN 2,995,649
CHILUKURI, ANUSHA 2,995,704
CHIN, ALBERT K. 2,996,209
CHIN, EILEEN SUN 2,994,871
CHING, LAI-MING 2,996,681
CHINNOCK, RANDAL B. 2,996,014
CHITALE, KEDAR 2,995,043
CHIU, KUENLEY 2,996,846
CHIUMMIENTO, PHILIPPE 2,996,093
CHIVITE-ZABALZA, FRANCISCO JAVIER 2,995,538
CHOI, GILWOO 2,996,200
CHR. HANSEN A/S 2,995,755
CHU, HSING-MAO 2,996,652
CHU, HSING-MAO 2,996,653
CICHE, TODD A. 2,996,295
CIGAN, ANDREW MARK 2,996,326
CIGAN, ANDREW MARK 2,996,329
CILLIERS, CORIETHA 2,995,140
CIMICA, VELASCO 2,996,762

CITTADINO, ANTONIO MICHAEL 2,995,124
CIVIN, CURT 2,996,529
CLARCOR INC. 2,995,765
CLARENCE-SMITH, KATHLEEN E. 2,996,717
CLARENCE-SMITH, KATHLEEN E. 2,996,719
CLARK, RICHARD HUGH 2,995,523
CLARK, RYAN C. 2,996,316
CLARK, RYAN C. 2,996,318
CLAY, MATTHEW C. 2,996,294
CLAYTON, GENEVIEVE 2,996,651
CLEANTEK INDUSTRIES INC. 2,996,473
CLEAR, KATHY S. 2,996,317
CLEEK, ROBERT L. 2,996,107
CLIMATEWELL AB (PUBL) 2,995,023
CLOUGH, NORMAN E. 2,995,846
COAD, NATHAN 2,996,684
COLE, STEPHEN 2,996,625
COLGATE-PALMOLIVE COMPANY 2,995,681
COLGATE-PALMOLIVE COMPANY 2,995,735
COLGATE-PALMOLIVE COMPANY 2,995,743
COLGATE-PALMOLIVE COMPANY 2,996,319
COLGATE-PALMOLIVE COMPANY 2,996,321
COLGATE-PALMOLIVE COMPANY 2,996,322
COLLAZO, ORLANDO 2,995,846
COLLINGE, MEHDI 2,996,504
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,996,325
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,995,106
CONINGSBY, GREGG 2,996,493
CONNEC LIMITED 2,996,658
CONNEC LIMITED 2,996,669
CONNELL, ROBERT URQUHART 2,996,738
CONNER, BILLY T. 2,996,625
CONQUET, FRANCOIS 2,995,313
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 2,995,337
CONTARINO, ALDO 2,996,646
CONTEXTUAL GENOMICS INC. 2,996,479
CONTI, ALLISON 2,996,163
CONTINENTAL REIFEN DEUTSCHLAND GMBH 2,994,992
COOK, TIMOTHY 2,995,256
COOPER, ANTHONY WILLIAM JAMES 2,996,245
COORDES, THOMAS 2,995,146
COQUERON, PIERRE-YVES 2,995,304
CORNELL UNIVERSITY 2,995,382
CORNING OPTICAL COMMUNICATIONS LLC 2,995,237
CORNING OPTICAL COMMUNICATIONS LLC 2,996,138
CORNING OPTICAL COMMUNICATIONS LLC 2,996,288
CORUM, JAMES F. 2,996,049
CORUM, JAMES F. 2,996,050
CORUM, JAMES F. 2,996,054
CORUM, JAMES F. 2,996,058
CORUM, KENNETH L. 2,996,049
CORUM, KENNETH L. 2,996,050
CORUM, KENNETH L. 2,996,054
CORUM, KENNETH L. 2,996,058
COSMA, CHRISTOPHER 2,996,792
COSTA, FRANCIS 2,996,067
COSTELLO, NEIL 2,996,013
COURSOL, PASCAL 2,996,344
COUSSENS, NATHAN PATRICK 2,995,075
COUSSENS, NATHAN, PATRICK 2,995,077
COUTURIER, YAWAN 2,996,170
COUTURIER, YAWAN 2,996,176
COVESTRO LLC 2,995,241
COWAN, KEVIN P. 2,996,525
COWAN, KEVIN P. 2,996,527
COX, MARK A. 2,995,928
CPG TECHNOLOGIES, LLC 2,996,049
CPG TECHNOLOGIES, LLC 2,996,050
CPG TECHNOLOGIES, LLC 2,996,054
CPG TECHNOLOGIES, LLC 2,996,058
CRAVEN, THOMAS 2,996,831
CREO MEDICAL LIMITED 2,996,831
CRISI MEDICAL SYSTEMS, INC. 2,995,008
CRISI MEDICAL SYSTEMS, INC. 2,995,009
CRISI MEDICAL SYSTEMS, INC. 2,995,012
CROLL, PERRY 2,996,197
CRONIN, CHRISTOPHER 2,995,455
CROOKS, EVON LLEWELLYN 2,996,625
CROPPER, ANDRE D. 2,996,581
CROUCH, JUSTIN BLAKE 2,995,195
CROUSE, GARY D. 2,996,508
CROUSE, GARY D. 2,996,517
CROUSE, GARY D. 2,996,518
CROZIER, ETIENNE 2,995,147
CROZIER, ETIENNE 2,995,152
CSP TECHNOLOGIES, INC. 2,995,824
CTA ACOUSTICS, INC. 2,995,768
CUBIC CORPORATION 2,995,256
CUBIC CORPORATION 2,995,341
CUBIC CORPORATION 2,995,590
CUBIC CORPORATION 2,995,993
CULERON, GUY HUBERT STEPHANE SYLVAIN 2,989,521
CUMMING, JARED N. 2,995,365
CURLETT, JOSHUA 2,996,473
CURTIS, CHIP 2,995,470
CURTIS, MICAH A. 2,996,238
CUSTERS, JEROME H.H.V. 2,995,740
CUTLER, SEAN R. 2,996,045
CVS PHARMACY, INC. 2,995,955
CYMBALUK, TED H. 2,996,317
CYTEC INDUSTRIES INC. 2,995,200
CYTEC INDUSTRIES INC. 2,996,410
CZINGER, KEVIN R. 2,995,737
D'SILVA, JOSEPH 2,996,529
DA SILVA, RODRIGO COQUI 2,995,400
DAEP, CARLO 2,996,321
DAGGY, BRUCE P. 2,995,347
DAGGY, BRUCE P. 2,995,381
DAHLBERG, CLINTON J. 2,996,627
DAHMEN, PETER 2,995,304
DAIGLE, MICHAEL 2,996,439
DAIKYO SEIKO, LTD. 2,996,490
DAILY, CHRISTOPHER GEORGE 2,995,718
DALE, PARKER 2,996,188
DALE, PARKER 2,996,192
DALE, PARKER DAVID 2,996,188
DALE, PARKER DAVID 2,996,192
DALHOUSIE UNIVERSITY 2,996,703
DALTON, CHRISTOPHER 2,996,289
DALY, CLAY 2,996,591
DAN RAZ LTD. 2,996,272
DANA-FARBER CANCER INSTITUTE, INC. 2,995,036
DANGMANN, OLIVIER 2,995,359
DANIEL MEASUREMNET AND CONTROL, INC. 2,995,195
DANIELS, KAREN K. 2,995,810
DANKERS, ARNE 2,996,221
DANLEY, JEFFREY DEAN 2,996,138
DANLEY, JEFFREY DEAN 2,996,288
DANMARKS TEKNISKE UNIVERSITET 2,995,050
DAUBE, GERT 2,995,648
DAUGHENBAUGH, RANDY E. 2,995,988
DAVIES, PAUL EDWARD 2,996,218
DAVIS, MICHAEL F. 2,996,625
DBI HOLDING, LLC 2,996,411
DE BOER, WOLFGANG 2,995,906
DE LA CRUZ, JUSTIN PHILIP 2,996,181
DEAN, BRIAN F. 2,996,482
DEARMOND, DANIEL T. 2,996,036
DEBIOPHARM INTERNATIONAL, S.A. 2,995,243
DECK, FRANCIS J. 2,995,732
DECKERT, JUTTA 2,995,243
DECKMAN, HARRY W. 2,996,137
DEEBA, MICHEL 2,996,032
DEGEER, TRACI D. 2,996,798
DEGRYSE, JOZEFIEN LOUISA ELVIRE 2,995,400
DEHGHANI, FARIBA 2,996,427
DEKALB, SHAWN WAYNE 2,995,008
DEKALB, SHAWN WAYNE 2,995,009
DEKALB, SHAWN WAYNE 2,995,012
DEKKER INDUSTRIES PTY LTD 2,996,452
DEKKER, ALEXANDER 2,996,452
DEKKER, BARRY JOHN 2,996,452
DEKOZAN, RAYMOND L. 2,995,256
DEL PAGGIO, ALAN ANTHONY 2,995,649
DELMORE, SHANE PHILIP 2,996,699

DEMARCO, GABRIELLA MARIE 2,986,693
DEMETER, DAVID A. 2,996,517
DEMETER, DAVID A. 2,996,518
DEMMY, TODD 2,996,501
DEMONT, EMMANUEL HUBERT 2,996,245
DESHPANDE, MILIND 2,996,415
DESHPANDE, SACHIN G. 2,996,649
DETERING, JURGEN 2,995,901
DETERRE, MARTIN 2,995,885
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,996,330
DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN E.V. (DZNE) 2,995,529
DEVILLE, CHARLES LOUIS MARIE 2,995,300
DEVILLE, JAY PAUL 2,995,338
DEVRIES, EMMANUEL JESSE 2,996,475
DEWITTE, RUSSELL J. 2,995,840
DEXCOM, INC. 2,996,699
DEXHEIMER, THOMAS S. 2,995,075
DEXHEIMER, THOMAS, S. 2,995,077
DIAS, LOUIS 2,994,995
DIAZ, LESTER F. 2,996,511
DIAZ-LOYA, ELEAZAR IVAN 2,995,111
DIETRICH, DAVE 2,995,548
DIETRICH, HANSJORG 2,995,306
DIGI-STAR, LLC 2,996,770
DIMINO, STEVEN ANDREW 2,996,292
DIMITROV, DIMITER S. 2,996,205
DING, ERRUN 2,996,315
DIOUF, SOULEYMANE 2,995,766
DIRTT ENVIRONMENTAL SOLUTIONS, INC. 2,996,509
DITTMANN, UWE 2,995,138
DITTMER, MARC 2,995,309
DIVERGENT TECHNOLOGIES, INC. 2,995,737
DIXON, PHILIP B. 2,995,256
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HOSOYA, EIICHI 2,996,407
HOUDE, AJAY 2,995,329
HOUDE, AJAY 2,995,330
HOUTROUW, ENNO 2,995,138
HOVIONE SCIENTIA LIMITED 2,987,720
HOWARD, JAMES V. 2,995,730
HOWE, JUSTIN 2,995,950
HOWORKO, MATTHEW 2,996,411
HOWORKO, RICK 2,996,411
HOYLE, RICHARD W. 2,995,737
HOZSA, CONSTANTIN 2,995,135
HRNCIR, DANIEL EDWARD 2,996,292
HSEIH, BIAY-CHENG 2,996,199
HSU, KENNETH C. 2,989,159
HSU, RAY T. 2,995,370
HSUEH, AARON J.W. 2,995,684
HU, ZHILAN 2,996,691
HUBBELL INCORPORATED 2,996,306
HUGGINS, CORY 2,996,556
HUGHES, STEPHANIE L. 2,996,290
HULL, JEFFREY E. 2,996,168
HUMPHREYS, DUSTIN WAYNE 2,995,955
HUMPHRYS, SIMON TROY 2,995,403
HUNLEY, STANLEY C. 2,996,200
HUNTER PROCESS TECHNOLOGIES PTY LIMITED 2,996,713
HUNTING ENERGY SERVICES, INC. 2,996,718
HUSEYNOV, JAVID 2,995,121
HUSZ, AARON MICHAEL 2,995,469
HUTTON, SAM 2,995,340
I PEACE, INC. 2,996,582
IAKOVLEV, MIKHAIL 2,996,423
IDEVICES, LLC 2,996,439
IDORSIA PHARMACEUTICALS LTD 2,994,996
IGNATIUS, RODNEY 2,996,257
ILG, KERSTIN 2,995,306
ILLINOIS TOOL WORKS INC. 2,995,171
ILLINOIS TOOL WORKS INC. 2,996,182
ILLINOIS TOOL WORKS INC. 2,996,185
ILLINOIS TOOL WORKS INC. 2,996,195
ILLINOIS TOOL WORKS INC. 2,996,324
ILLINOIS TOOL WORKS INC. 2,996,738
IMES, DOUG A. 2,996,324
IMMUNWORK INC. 2,996,652
IMMUNWORK INC. 2,996,653
IMMUTEP S.A.S. 2,995,639
IMPER S.P.A. 2,995,425
INCYTE CORPORATION 2,995,361
INDIZEN OPTICAL TECHNOLOGIES OF AMERICA, LLC 2,996,011
INGLE, CASEY L. 2,995,359
INGLIS, PETER DEREK WALTER 2,995,688
INNOGY SE 2,995,734
INNOVEIN, INC. 2,996,209
INOTEC GLOBAL LTD 2,996,422
INTERNATIONAL FLORA TECHNOLOGIES, LTD. 2,996,591
INTRONIC GMBH & CO. 2,996,092
IOGEN CORPORATION 2,996,334
IPSEN BIOPHARM LIMITED 2,996,695
ISHIZAKA, TAKUYA 2,996,678
ISLAS MARES, OCTAVIO AUGUSTO 2,996,610
ITO, TAIZO 2,996,677
ITOU, KEN 2,996,637
ITRON FRANCE 2,996,093
ITT MANUFACTURING ENTERPRISES LLC 2,995,086
ITT MANUFACTURING ENTERPRISES LLC 2,995,167
IVAN, COULTER 2,995,404
IVKOVICH, STEPHEN P. 2,996,182
IVKOVICH, STEPHEN P. 2,996,195
IVOCLAR VIVADENT AG 2,995,309
JACK, DOUGLAS S. 2,996,189
JACOB, LOIC 2,994,996
JACOBSON, NATAN HAIM 2,996,190
JACQUEMYN, BERT 2,995,873
JADHAV, AJIT 2,995,075
JADHAV, AJIT 2,995,077
JAECKEL, CHRISTIAN 2,995,755
JAHNKE, NATHAN A. 2,996,148
JAIN, RISHABH 2,995,981
JAIN, VISHAL P. 2,995,842
JALALEDDINE, SATEH 2,995,587
JALILIAN, SEYED EHSAN 2,996,221
JAMESON, GRAEME JOHN 2,996,713
JAMIESON LABORATORIES, LTD. 2,996,327
JANSEN, SANDRA 2,996,504
JANSSEN PHARMACEUTICA NV 2,995,754
JANSSEN PHARMACEUTICALS, INC. 2,995,873
JANSSEN VACCINES & PREVENTION B.V. 2,995,740
JANZEN, DENNIS LYLE 2,996,350
JANZEN, DOUGLAS GLEN 2,996,350
JARMAN, JONATHAN P. 2,996,208
JARVIS, MICHAEL 2,995,328
JAY, GREGORY THERON 2,995,195

JCR PHARMACEUTICALS CO., LTD. 2,996,672
JEAN, BERNARD 2,996,650
JENKINS, THOMAS R. 2,995,819
JENNEWEIN, STEFAN 2,995,859
JENNINGS, ROBERT E. 2,996,202
JENSEN, JACOB HJELMAGER 2,995,050
JEPPESEN, IBEN 2,995,755
JETOPTERA, INC. 2,996,284
JETOPTERA, INC. 2,996,285
JETOPTERA, INC. 2,996,302
JEWELL, JAMES P. 2,995,365
JIA, ZHONGJIANG 2,995,361
JIANG, BOYI 2,994,995
JIANGSU HENGRUI MEDICINE CO., LTD. 2,996,674
JIN, HYUNWOO 2,996,198
JOHNSON & JOHNSON CONSUMER INC. 2,986,693
JOHNSON & JOHNSON CONSUMER INC. 2,995,207
JOHNSON, ANDREA M. 2,996,191
JOHNSON, BRYAN R. 2,996,730
JOHNSON, MARIE 2,996,304
JOHNSON, ROBERT A. 2,996,137
JOINT STOCK COMPANY "PERVOURALSK PIPE PLANT" (JSC "PNTZ") 2,996,133
JOLY, JOHN C. 2,996,691
JONES, ROBERT 2,996,147
JONSSON, JORGEN 2,996,243
JORAND-LEBRUN, CATHERINE 2,996,316
JORAND-LEBRUN, CATHERINE 2,996,318
JORDAN, RACHEL L. 2,996,642
JOSEPHS, ERIC 2,996,001
JOSHI, RAJAN LAXMAN 2,996,190
JOSHI, UJJWAL 2,995,990
JOY, KELLY F. 2,994,995
JOZWIK, KEITH A. 2,995,197
JPL GLOBAL, LLC 2,996,787
JUILLERAT, ALEXANDRE 2,995,632
JUKOVIC, SAFET 2,995,334
JURA ELEKTROAPPARATE AG 2,996,366
JUTRAS, DANIEL 2,995,647
KAADIGE, MOHAN 2,996,627
KADAM, SUNITA 2,995,332
KAESER, STEFAN 2,995,766
KAGEL, SEBASTIAN 2,995,138
KAKKATTIL, JAMSHID 2,996,306
KALGHATGI, SAMEER 2,996,310
KALUARACHCHI, HARINI 2,996,006
KAMP, BAS 2,996,232
KAMPS, CHARLES H., III 2,996,176
KANDULA, MAHESH 2,996,260
KANG, YAOWEI 2,995,623
KANNAINNOVATIONS LLC 2,995,418
KANNO, YASUHARU 2,996,032
KAPA BIOSYSTEMS, INC. 2,996,735
KARJALA, TERESA P. 2,996,337
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 2,994,993
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 2,995,137
KARP, LAWRENCE I. 2,996,491
KARSUNKY, HOLGER 2,996,165
KARYOPHARM THERAPEUTICS INC. 2,995,380
KASIMATIS, KOSMAS 2,996,660
KASTINEN, HENRI 2,996,090
KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D 2,995,543
KATO, MASANORI 2,996,682
KATSUMATA, YUUJI 2,996,637
KAUFFOLD, CHRIS XAVIER 2,995,732
KAUFMAN, DUANE A. 2,996,340
KAUFMAN, DUANE A. 2,996,341
KAUFMAN, FRANCINE R. 2,994,995
KAVURU, PADMINI 2,996,520
KAWAMURA, HIDEAKI 2,996,490
KAWASHIMA, KENJI 2,996,278
KAWATA, HIROYUKI 2,996,492
KELFKENS, RENUS C. 2,996,189
KELL, RICHARD WILLIAM 2,996,422
KELLERMAN, BRAD M. 2,996,168
KELLEY, BRUCE T. 2,996,137
KELLY, BRENDAN 2,996,582
KELLY, BRIAN DANIEL 2,996,798
KELLY, MEGHAN 2,995,243
KELLY, RAY 2,996,283
KELMARTIN, THOMAS 2,995,579
KEMMLER, STEFAN JOCHEN 2,995,873
KENNEDY, THOMAS J., III 2,995,043
KENNEL, PHILIPPE 2,995,304
KENT, STEVE 2,995,587
KENTECH INSTITUTE CORPORATION 2,996,444
KERR, DAVID 2,996,822
KESANAPALLI, UMA R. 2,996,295
KHALIL, DANNY NEJAD 2,994,965
KHAN, JAVED 2,996,205
KHAN, SELINA 2,995,740
KHANDELWAL, SHAMBHOO 2,995,581
KHATTRA, JASWINDER SINGH 2,996,479
KHEN, ROEE 2,995,814
KILFOYLE, DANIEL B. 2,996,282
KILIAN, KRZYSZTOF 2,996,128
KIM, DAEIK DANIEL 2,995,621
KIM, JAYOUNG 2,996,426
KIM, JONGHAE 2,995,621
KIM, KEVIN K. 2,995,730
KIM, KEVIN K. 2,995,732
KIM, LAE-HOON 2,996,136
KIM, THOMAS 2,996,683
KIMBERLY-CLARK WORLDWIDE, INC. 2,995,078
KIMURA, MASAHIDE 2,996,274
KING, ROSWELL, III 2,994,998
KINIO, WALTER 2,996,257
KINNERA, RAVINDER KUMAR 2,995,237
KINNEY, POWELL MCVAY 2,996,004
KINNEY, WILLIAM A. 2,996,183
KINNEY, WILLIAM A. 2,996,186
KINOSHITA, KAZUHIRO 2,996,441
KINOSHITA, MASAFUMI 2,996,672
KIRBY, GLEN HAROLD 2,995,218
KIRENKO, IHOR OLEHOVYCH 2,996,239
KIRSHIN, VASILIY IVANOVICH 2,996,133
KITAHARA, JUN 2,996,276
KITAZATO, NAOHISA 2,996,276
KLAR, ULRICH 2,994,596
KLEY, JOERG 2,995,881
KLEY, JOERG 2,996,087
KLINGER, CHRISTIAN 2,996,468
KLINGLER, FELIX 2,996,015
KLOPFENSTEIN, SCOTT EDWARD 2,995,570
KNAPP, BURTON MATTHEW 2,996,844
KNIEPER, DAVID JOSEPH 2,995,939
KNIGHT, ADAM T. 2,995,277
KNOERZER, KAI 2,996,325
KNOPFMACHER, OREN S. 2,996,417
KNOWLES, DAVE 2,995,567
KNUDSEN, BEATRICE 2,996,426
KO, EUN JUNG 2,994,997
KOBBERLING, JOHANNES 2,995,306
KOBBERLING, JOHANNES 2,995,648
KOBS, STEPHEN RUSSEL 2,995,490
KOCAK, DEWRAN 2,996,001
KOEHLER, MAXIMILIAN 2,995,337
KOETT, THOMAS 2,994,993
KOJOVIC, TONI 2,996,477
KOLTER, ZICO 2,996,845
KOLTER, ZICO 2,996,846
KOMATSU LTD. 2,996,678
KOMATSU, HIROYUKI 2,996,637
KONG, REN 2,995,575
KONIG, YOCHAI 2,995,577
KONINKLIJKE PHILIPS N.V. 2,995,520
KONINKLIJKE PHILIPS N.V. 2,996,239
KONOSONOKS, ARMANDS 2,995,878
KOPF, HENDRIK-CHRISTIAN 2,995,274
KOPKA, KLAUS 2,996,330
KORHONEN, JANI 2,996,090
KOSTYLEV, VLADIMIR 2,996,216
KOTRYCH, JERRY A. 2,995,119
KOWARIK, MICHAEL THOMAS 2,995,873
KOYAMA, YOSHITOSHI 2,996,106
KRAKE, KELLY R. 2,996,487
KRAMER, THOMAS A. 2,996,209
KRELLNER, JAMES 2,995,654
KRINNINGER, MAXIMILIAN 2,995,144
KRISHNAN, NIKHIL 2,996,845
KRISHNAN, NIKHIL 2,996,846
KRIVOSHEY, SVETLANA 2,996,314
KUENSTEL, CHRISTIAN 2,996,298
KUHLMANN, HERVE FRANCOIS 2,995,961
KULARATNE, SUMITH A. 2,996,307
KULARATNE, SUMITH A. 2,996,309

KUMAR RANGI, DEEPAK 2,996,475
KUMAR, ASHISH ANDREW 2,996,844
KUMAR, NAMAN 2,996,475
KUMAR, RAKESH 2,996,383
KUNZ, PHILLIP J. 2,996,286
KURTZ, MICHAEL 2,996,487
KUSNADI, CHITRA 2,995,140
KUZIKOV, SERGEJ YUREVICH 2,996,633
L'ITALIEN, REGINALD 2,996,171
LA, CHICUONG 2,996,597
LABHASETWAR, VINOD D. 2,996,126
LABORATORY CORPORATION OF AMERICA HOLDINGS 2,996,181
LACHIA, MATHILDE D. 2,996,045
LACIC, IGOR 2,996,086
LACKER, MICHAEL 2,996,092
LAFARGE, STEPHANE 2,995,065
LAFERRIERE, KEVIN 2,995,606
LAHMAN, MATTHEW LEWIS 2,995,595
LAHMAN, MATTHEW LEWIS 2,995,600
LAI, KA-MAN VENUS 2,995,248
LAM, HELEN 2,996,059
LAM, KOON ZEE 2,996,414
LAMB, LAWRENCE S. 2,996,522
LAMBACH, JAMES L. 2,995,241
LAMPE, MATTHEW E. 2,996,625
LAMPIN, JEAN-FRANCOIS 2,995,406
LAN, JE-HSIUNG JEFFREY 2,995,621
LAN, RUOXI 2,996,316
LAN, RUOXI 2,996,318
LANDMARK GRAPHICS CORPORATION 2,995,571
LANDMARK GRAPHICS CORPORATION 2,996,269
LANE, RANDY MATTHEW 2,996,350
LANE, SCOT MICHAEL 2,995,417
LAPIDOUS, EUGENE 2,996,409
LAPLANTE, GUILLAUME 2,996,650
LAPLANTE, YVON 2,996,418
LARA, LUIS MANUEL LEON 2,996,583
LAROCHE, NICOLAS 2,996,651
LARSON, MIKE 2,996,304
LASAK, KRZYSZTOF 2,995,742
LATHAM, KATHERINE 2,996,703
LATTA, RYAN N. 2,996,413
LAU, FRANCIS C. 2,995,347
LAU, FRANCIS C. 2,995,381
LAUBENSTEIN, THOMAS A. 2,996,684
LAUFER, MICHAEL D. 2,996,417
LAUFER, RALPH 2,996,308
LAVOIE, CARL 2,995,417
LAZAR, ELI 2,996,211
LAZAR, GABOR 2,996,313
LEADLEY, DAVID 2,996,377
LEE, DAVID EDWARD 2,995,469
LEE, HOI-CHING 2,995,248
LEE, JONG YOUNG 2,996,337
LEE, SEUNG-JOO 2,996,059
LENNES, JEAN-BAPTISTE 2,995,300
LENZI, FIORENZO 2,995,200
LEONARDO S.R.L. 2,996,745
LEONE, GIUSEPPE 2,996,094
LEONTEIN, KARIN 2,996,107
LEV, YONI 2,995,577
LEV-TOV, AMIR 2,995,577
LEVOY, MARC STEWART 2,996,751
LEWIS, JAMES RAY 2,996,624
LEWKOW, ROMAN 2,996,751
LEXMARK INTERNATIONAL, INC. 2,996,030
LI, FANGXIN 2,996,370
LI, JIAN-XU 2,995,798
LI, JUN 2,995,029
LI, JUNYI 2,995,363
LI, LILONG 2,996,693
LI, MEI 2,996,107
LI, PEI 2,996,358
LI, QIN 2,996,841
LI, QUN 2,995,361
LI, SHI 2,996,418
LI, WEIFENG 2,996,363
LI, YAN 2,995,207
LI, YONG 2,996,363
LI, ZHE 2,995,248
LI, ZIHUA 2,996,677
LIANG, ALFRED CHI-YEH 2,995,798
LIANG, CHUN-CHUAN 2,989,521
LIANG, RUI 2,995,365
LIAO, XIAOMING 2,996,677
LIBRIZZI, JOSEPH 2,995,000
LIEN, KHOA 2,995,329
LIEN, KHOA 2,995,330
LIESS, MARTIN 2,995,367
LIESS, MARTIN 2,995,386
LIESS, MARTIN 2,995,483
LIET, CORNELIS HENDRICUS 2,996,250
LIFECELL CORPORATION 2,996,287
LIGH, MICHAEL 2,996,510
LIGHTNER, BRADLEY L. 2,995,852
LILLY, JAMES D. 2,996,049
LILLY, JAMES D. 2,996,050
LILLY, JAMES D. 2,996,054
LILLY, JAMES D. 2,996,058
LIM, JONGWON 2,995,365
LIN, CHUN-YU 2,996,652
LIN, CHUN-YU 2,996,653
LIN, JEN C. 2,995,250
LINDE AKTIENGESELLSCHAFT 2,995,002
LINDON, MATTHEW J. 2,996,245
LING, SHIUN 2,996,198
LIPKENS, BART 2,995,043
LIPPETT, JORDAN 2,996,304
LIU, HONG 2,995,365
LIU, TAO 2,995,207
LIU, YAN 2,996,716
LO, IAN K.Y. 2,995,037
LOCHNER, HERIBERT 2,995,307
LODERER, PAVOL 2,996,585
LOEBRICH, SVEN 2,995,243
LOEHR, JOACHIM 2,995,519
LOH, HORACE 2,996,281
LOISELEUR, OLIVIER 2,996,045
LOLLI, GIULIO 2,995,949
LONG, ANDREW M. 2,995,078
LONG, ERIC 2,996,029
LONG, TIMOTHY 2,995,706
LOPEZ SILES, MIREIA 2,995,308
LOSCHKIN, MIRO 2,996,675
LOU, KHAT, KEVIN 2,995,000
LOUCKS, DAVID GLENN 2,996,292
LOUIS, JEFFREY S. 2,996,310
LOVEDAY, ANTHONY R. 2,995,241
LOW, PHILIP S. 2,996,309
LOWENBERG, TODD 2,995,950
LSI SOLUTIONS, INC. 2,995,992
LU, MIN 2,995,365
LU, YAFEI 2,996,743
LU, YUN 2,996,674
LU, YUNFENG 2,994,991
LUBITZ, WERNER 2,996,038
LUCAS, FRANKLIN LEE, JR. 2,995,824
LUCAS, STEPHEN H. 2,996,612
LUCI, DIANE KAREN 2,995,075
LUCI, DIANE KAREN 2,995,077
LUIGART, CHRIS CONNOR 2,996,526
LUKAS, ANDREA 2,996,346
LULLI, GUGLIELMO 2,996,469
LUND FIRE PRODUCTS CO. INC. 2,996,491
LUND, MARTIN 2,995,755
LUTKE, JENNIFER L. 2,996,295
LUTRON ELECTRONICS CO., INC. 2,996,603
LUTZE, KONSTANTIN 2,996,476
LV, YONG 2,996,363
LYNN, DAVID 2,995,981
LYNXRAIL CORPORATION 2,996,128
LYONS, DAVID FREDERICK 2,996,546
LYRA HOLDING 2,995,300
M&R PRINTING EQUIPMENT, INC. 2,995,618
M. TECHNIQUE CO., LTD. 2,996,403
MA, JIN 2,996,507
MA, NING 2,996,198
MA, YINGXIN 2,995,207
MA, YIPING 2,995,591
MAAO, FRANK AGNAR 2,996,840
MAASOUMY, MEHDI 2,996,845
MACADAM, RUSSELL L. 2,996,603
MACDONALD, SUSAN 2,996,183
MACKIE, STEPHEN CHARLES 2,996,651
MACKNEY, GEOFFREY BRYAN 2,996,432
MAGAL SANTANA, NADINE 2,996,661
MAGAL SANTANA, NADINE 2,996,664
MAGNAN, JEAN-FRANCOIS 2,996,651
MAHAN, SUMAN 2,995,101
MAHDAVI, JAFAR 2,995,408
MAHURIN, ERIC WAYNE 2,996,184
MAIOCCO, CHRISTOPHER BERNARD 2,994,994
MAISCH, TIM 2,996,098
MAKINGS, LEWIS R. 2,994,871
MAKSIMOVIC, LJILJANA 2,996,202
MALDONADO, DAVID EDWARD 2,995,417
MALLY, MANUELA 2,995,873
MALONEY, DAVID JOSEPH 2,995,075
MALONEY, DAVID JOSEPH 2,995,077

MALTZ, JONATHAN S. 2,995,472
MANFORD, FERGUS 2,996,072
MANN, DAVID C. 2,996,581
MANNING, JASON M. 2,996,311
MANUM, HENRIK 2,996,841
MANVELIAN, GAREN 2,995,645
MARCO MARTIN, MARIA 2,994,997
MARCOLIN, DAVID VICTOR 2,995,840
MARCOTTE, BRIAN W. G. 2,996,151
MARENDA, MARC SERGE 2,995,101
MARGALLO BALBAS, EDUARDO 2,995,744
MARKHAM, PHILIP FRANCIS 2,995,101
MARKO, ALEXEI J. 2,996,350
MARR, HARRY B., JR. 2,995,370
MARSHALL, BENNETT D. 2,996,137
MARSHALL, BENNETT D. 2,996,139
MARSZALEK, PIOTR 2,996,001
MARTIN, ALBERTO 2,995,744
MARTIN, JAMES L., II 2,995,352
MARTIN, JEROME 2,995,065
MARTIN, ROBERT HARRISON 2,996,185
MARTIN, RUSSEL ALLYN 2,996,305
MARTIN, TIMOTHY 2,995,455
MARTINEZ MEDINA, MARGARITA 2,995,308
MARTINEZ, EDUARDO J. 2,996,520
MARTINEZ, ELOY C. 2,995,241
MARTINEZ-SOBRIDO, LUIS 2,995,382
MARTYSEVICH, VLADIMIR NIKOLAYEVICH 2,995,595
MARTYSEVICH, VLADIMIR NIKOLAYEVICH 2,995,600
MASI, FRANCESCO 2,996,094
MASIMO CORPORATION 2,996,196
MASON, VAUGHAN 2,996,224
MASSE, FLORENCE 2,994,996
MASTERCARD ASIA/PACIFIC PTE. LTD. 2,996,688
MASTERCARD INTERNATIONAL INCORPORATED 2,995,950
MASTERCARD INTERNATIONAL INCORPORATED 2,996,504
MASUDA, SEIICHI 2,996,441
MATHER, JONATHAN FRANCIS 2,996,296
MATHIEU, GAELLE 2,994,996
MATHIEU, STEPHANE 2,996,217
MATSUSHIGE, KOJI 2,996,484
MATSUYAMA, TAKAHIRO 2,996,278
MATSUZAKI, HIROKAZU 2,996,274
MAUE, MICHAEL 2,995,306
MAUSER-WERKE GMBH 2,994,989
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,995,736
MAYERS, CARRIE H. 2,996,307
MCCALLISTER, DOUGLEY 2,995,623
MCCARTHY, KATHLEEN DOROTHY 2,996,657
MCCONNELL, THOMAS E. 2,996,743
MCDANIEL, MAX P. 2,996,317
MCDERMOTT, MICHAEL 2,996,525
MCDERMOTT, MICHAEL 2,996,527
MCELROY, CHRISTOPER 2,995,859
MCEWAN, PAUL 2,996,735
MCFADDEN, RYAN 2,995,004
MCGOVERN, KEVIN 2,995,418
MCKIBBIN, WILLIAM A. 2,995,955
MCLAREN, PAUL 2,996,697
MCLAUGHLIN, MICHAEL JOHN 2,995,400
MCLAUGHLIN, RICH 2,994,993
MCLEAN, CHRIS S. 2,995,370
MCMAHON, CHANTAL M. 2,994,995
MCNELIS, LIAM 2,995,139
MEADE, DAVID 2,995,654
MEALEY, DANE 2,995,043
MEDELA HOLDING AG 2,995,015
MEDINEERING GMBH 2,995,144
MEDLINE INDUSTRIES, INC. 2,996,289
MEDLUMICS S.L. 2,995,744
MEDTRONIC MINIMED, INC. 2,994,991
MEDTRONIC MINIMED, INC. 2,994,995
MEISSNER, RUTH 2,995,304
MELANDER, MATIAS 2,996,232
MELANSON, BARRY K. 2,996,482
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,994,965
MENDILLO, MARK D. 2,996,679
MEPS REAL-TIME, INC. 2,995,986
MEQU A/S 2,995,054
MERCK PATENT GMBH 2,995,884
MERCK PATENT GMBH 2,996,316
MERCK PATENT GMBH 2,996,318
MERCK SHARP & DOHME CORP. 2,995,365
MERGHOUB, TAHA 2,994,965
MERIAL, INC. 2,996,143
MERICS, THOMAS 2,996,215
MERKYS, KESTUTIS 2,995,878
MERRILL, ZACHARY ALEXANDER 2,995,106
MERTINS, KAREN S. 2,996,185
METRONOM HEALTH, INC. 2,996,053
METZGER, FRIEDRICH 2,996,657
MIANJIA, WEI 2,995,481
MIATT, PETER 2,995,757
MICHAILOVSKI, ALEXEJ 2,995,006
MICHEL, LUDOVIC LOUIS 2,996,222
MICHELASSI, VITTORIO 2,996,351
MICHLITSCH, JOHN 2,995,765
MIDUTURU, CHANDRASEKHAR V. 2,995,997
MIETTINEN, MAUNO 2,986,654
MIKA, YUVAL 2,996,312
MIKKELSEN, MICHAEL DALGAARD 2,995,067
MIKLICH, ANDREW HOSTETLER 2,996,621
MIKULKA, ROBERT PAUL 2,995,621
MILES, TIMOTHY JAMES 2,994,997
MILLER, DARRIN MAX 2,996,138
MILLER, DARRIN MAX 2,996,288
MILLER, DONALD L. 2,996,621
MILLER, DORE 2,996,327
MILLER, RICARDA 2,995,304
MILLER, SAMUEL J. 2,996,413
MILLER, SCOTT 2,996,210
MILLER, THOMAS M. 2,996,063
MILOV, PETER 2,996,206
MINASSA, LORENZZO BREDA 2,996,270
MINEISHI, SHIN 2,996,522
MINHAS, BHUPENDER S. 2,996,008
MINKARA, RAFIC Y. 2,995,111
MINT-X LLC 2,996,061
MIRIZZI, MICHAEL STEPHAN 2,996,673
MIRONOV, OLEG 2,995,895
MIRRE, AZELY 2,994,996
MISHRA, LALAN JEE 2,996,419
MISHRA, VAISHALI 2,995,332
MISRA, KIRAN MUKESH 2,996,649
MISTRY, PRADIP 2,995,256
MISTRY, PRADIP 2,995,993
MITHIEUX, SUZANNE MARIE 2,996,427
MIURA, NAOKI 2,996,407
MIYAMOTO, YUTAKA 2,996,399
MIYAZAKI, ISAO 2,996,682
MIYAZAKI, YASUNOBU 2,996,492
MOCA, CINZIA 2,996,469
MOCHIDA PHARMACEUTICAL CO., LTD. 2,996,395
MODARRES RAZAVI, SARA 2,995,679
MODERN HYGIENE LLC 2,996,283
MOE, STEVEN D. 2,995,631
MOHLER, CAROL E. 2,996,290
MOK, ALEO NOBEL 2,996,215
MOLIBDENOS Y METALES S.A. 2,996,328
MOLL, THOMAS 2,995,810
MOLLER-HANSEN, IBEN 2,995,067
MONNING, URSULA 2,994,596
MONOLITH MATERIALS, INC. 2,995,081
MONROE, KATE 2,996,059
MONSALUD, LUIS 2,996,625
MONSANTO TECHNOLOGY LLC 2,996,295
MONTEIRO, OTHON 2,995,704
MONTEITH, SHAWN 2,996,439
MONTEITH, WILLIAM 2,996,059
MONTEROSSO, RENATO 2,995,198
MOON, JUNGCHUL 2,995,960
MOON, JUNGCHUL 2,995,979
MOORE, JASON 2,996,012
MOORE, JASON S. 2,996,290
MORAN, KEVIN 2,995,576
MORENO MUNOZ, FRANCISCO JOSE 2,995,136
MORGUNOV, VASILIY ALEKSANDROVICH 2,996,133
MORIMOTO, HIDETO 2,996,672
MORPHOSYS AG 2,995,738
MORPHOTRUST USA, LLC 2,996,147
MORRISON, DENNIS CRAIG 2,996,138
MORRISON, DENNIS CRAIG 2,996,288
MORT, DEBORAH KALTWASSER 2,996,292

MOSHER, TIMOTHY S. 2,995,727
MOSKOVICH, ROBERT 2,995,735
MOSTOLLER, MATTHEW EDWARD 2,995,718
MOTOROLA SOLUTIONS, INC. 2,995,727
MOVAHEDI, SARA 2,995,758
MRAZ, DION 2,996,531
MSP INNOVATIONS PTY LTD 2,996,218
MUA, JOHN-PAUL 2,996,625
MUDAKATTE, NIRANJAN SUNIL 2,995,621
MULDREW, KEN 2,995,037
MULLER, JORG 2,995,139
MULLER, MATHIAS 2,996,244
MULLER, MATHIAS 2,996,251
MULLER, MATHIAS 2,996,365
MULLER, TIM 2,995,906
MUNZENBERGER, HERBERT 2,995,013
MURILLO, ADRIAN 2,996,798
MURPHY, AISLING 2,995,328
MURPHY, JOSEPH F. 2,995,197
MURRY, PATRICK G. 2,995,196
MURUGESAN, SANKARAN 2,995,704
MUSTANG SAMPLING, LLC 2,996,179
MUSTANG SAMPLING, LLC 2,996,238
MYERS, CARRIE 2,996,309
MYNOTT, TRACEY L. 2,995,985
N.E. CHEMCAT CORPORATION 2,996,032
NA, JONGCHIL 2,995,607
NABER, JOHN 2,987,720
NABET, BEHNAM 2,995,036
NACHURS ALPINE SOLUTIONS, CORP. 2,996,187
NACHURS ALPINE SOLUTIONS, CORP. 2,996,204
NAGATA, MAKOTO 2,996,032
NAGATA, SATOSHI 2,996,405
NAGATANI, MUNEHIKO 2,996,399
NAGAVARAPU, ANANDA K. 2,996,137
NAGAVARUPU, ANANDA K 2,996,139
NAITO, YOSHIO 2,996,816
NAITOU, SHINICHI 2,996,678
NAKAHARA, HIROSHI 2,996,274
NAKAJIMA, TAKASHI 2,996,637
NAKASHIMA, KEI 2,996,484
NAKAYAMA, HIROKI 2,996,032
NAKHASI, DILIP K. 2,995,842
NAKONECHNIKOV, SERGEY IGOREVICH 2,996,133
NANOBACTERIE 2,996,378
NANOPHASE TECHNOLOGIES CORPORATION 2,995,196
NAPOLITANO, GUILLERMO 2,995,140
NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY 2,996,280
NATIONAL HEALTH RESEARCH INSTITUTES 2,996,281
NATIONAL UNIVERSITY CORPORATION KUMAMOTO UNIVERSITY 2,996,441
NATURE'S SUNSHINE PRODUCTS, INC. 2,996,627
NAUD, SEBASTIEN 2,995,304
NAVARRA, GIULIO 2,996,073
NAVITAS SYSTEMS, LLC 2,996,801
NEBOT CARDA, VICENT JOSEP 2,995,057
NEC PLATFORMS, LTD. 2,996,398
NEEMUCHWALA, HUZEFA F. 2,994,995
NELSON, ASHLEY 2,995,706
NELSON, KEVIN 2,995,981
NELSON, KIMBERLY 2,996,423
NEMASKA LITHIUM INC. 2,996,651
NEMIROVSKY, MARIO 2,996,300
NEOZYME INTERNATIONAL, INC. 2,996,188
NEOZYME INTERNATIONAL, INC. 2,996,192
NESTEC S.A. 2,995,140
NESTEC S.A. 2,995,147
NESTEC S.A. 2,995,152
NESTEC S.A. 2,995,766
NETO, CHIARA 2,996,461
NEVISON, GRANT W. 2,996,180
NEWVEN SPRL 2,995,403
NGUYEN, ANH KIET 2,996,840
NGUYEN, NGA H. 2,995,956
NGUYEN, PHILIP 2,995,332
NGUYEN, PHILIP D. 2,995,595
NGUYEN, PHILIP D. 2,995,600
NGUYEN, QUANG C. 2,995,377
NICHOLSON, WESLEY BRIAN 2,995,237
NICOVENTURES HOLDINGS LIMITED 2,996,377
NICOVENTURES HOLDINGS LIMITED 2,996,380
NIEDERMEIER, HERBERT 2,996,225
NIELSEN, CHRISTIAN HOJRIS 2,996,232
NIERLE, JENS 2,996,091
NILE, AARON 2,996,006
NILE, ARON 2,996,006
NINES, MEGHAN 2,996,008
NIPPON SHINYAKU CO., LTD. 2,996,280
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,996,492
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,996,399
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,996,407
NIPPON ZOKI PHARMACEUTICAL CO., LTD. 2,996,677
NISHIDA, JEFFREY 2,994,991
NISHIHATA, HIROYUKI 2,996,441
NISHII, SATOSHI 2,988,368
NISSAN MOTOR CO., LTD. 2,988,368
NISSAN MOTOR CO., LTD. 2,996,274
NISSAN MOTOR CO., LTD. 2,996,637
NKT HV CABLES GMBH 2,996,086
NOBELPHARMA CO., LTD. 2,996,441
NOGALES-GONZALEZ, AITOR 2,995,382
NOGUEIRA, KEITH 2,994,991
NOGUERA, ANGEL 2,995,211
NOLAND, CAMERON 2,996,006
NOLLER, BASTIAN MARTEN 2,995,644
NORDSKAG, JANNICHE IREN 2,996,840
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,996,621
NORTHRUP, ALAN B. 2,995,365
NORVELL, JEAN 2,995,846
NOSAKA, HIDEYUKI 2,996,399
NOSKOWICZ, DAVID 2,996,289
NOVO NORDISK A/S 2,996,232
NOVOZYMES A/S 2,996,749
NOVOZYMES BIOAG A/S 2,995,623
NOWATSCHIN, STEPHAN 2,995,144
NTT DOCOMO, INC. 2,996,405
NTT ELECTRONICS CORPORATION 2,996,407
NUNN, J. MARK 2,996,324
NUOVO PIGNONE TECNOLOGIE SRL 2,996,351
NUSCALE POWER, LLC 2,995,604
NUSCALE POWER, LLC 2,995,606
NUTRAMAX LABORATORIES, INC. 2,995,395
NYUGEN, NGA H. 2,995,757
NYULI, COLIN A. 2,996,350
O'BRIEN, MATTHEW M. 2,995,737
O'CONNOR, MICHAEL 2,996,546
O'SHEA, PAIGE 2,995,329
O'SHEA, PAIGE 2,995,330
OATES, COLIN DONALD MURRAY 2,995,538
OBLIGER, NICOLAS 2,995,147
OBLIGER, NICOLAS 2,995,152
OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "SMET" 2,996,667
ODA, TOMOKO 2,996,278
ODEGBAMI, OLUMIDE O. 2,996,132
OELFKE, RUSSELL H. 2,996,137
OHANA, MICHAEL 2,995,300
OHLHORST, JAN 2,995,519
OHLSSON, HENRIK 2,996,845
OHLSSON, HENRIK 2,996,846
OKAMOTO, SEIJI 2,996,407
OLDBURY, ROSS 2,996,380
OLITEK PTY LTD 2,996,671
OLIVER, JAMES 2,996,671
OLSON, KAREN 2,996,685
OLSSON, ASHLEY NORMAN 2,996,662
OLSSON, NATHANAEL DEAN 2,996,662
OLSSON, RAY 2,995,023
OMNICELL, INC. 2,996,416
OMOHUNDRO, ZACHARY MEYER 2,995,737
ON TARGET LABORATORIES, LLC 2,996,307
ON TARGET LABORATORIES, LLC 2,996,309
ONE PASS IMPLEMENTS INC. 2,996,482
ONUMA, YASUHARU 2,996,407
OOSTERHUIS, KOEN 2,995,740
OPSAHL, ROSS CHRISTIAN 2,996,095

OREN TECHNOLOGIES, LLC 2,996,003
OREN, JOSHUA 2,996,003
ORENTAS, RIMAS J. 2,996,205
ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA 2,996,385
ORTIZ-SUAREZ, MARIVI 2,995,831
OSRAM SYLVANIA INC. 2,996,583
OSRAM SYLVANIA INC. 2,996,584
OTHMAN, ASEM 2,996,296
OTT, GREGORY R. 2,996,308
OTTE, RYAN D. 2,995,365
OUELLET, BERTIN 2,996,651
OVELAND, NILS PETTER 2,994,985
OWEN OIL TOOLS LP 2,996,294
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,996,483
OWENS, DANIEL PAUL 2,996,306
OWENS-BROCKWAY GLASS CONTAINER INC. 2,995,359
OWNBY, JOHN FIELDING 2,995,367
OWNBY, JOHN FIELDING 2,995,386
OZAKI, YOSHITOMO 2,996,277
P.E. LABELLERS S.P.A. 2,995,011
PACKE-WIRTH, RAINER 2,995,006
PACKHAM, JON 2,995,341
PACKHAM, JON 2,995,590
PAECH, SIMON BENJAMIN 2,996,671
PAETZOLD, KAY 2,995,256
PAGIES, ANTOINE 2,995,406
PAINO, MICHAEL 2,996,218
PAIS, GODWIN 2,996,415
PALAN, SHILPA 2,996,695
PALMER, BRIAN DESMOND 2,996,681
PAN, LONG 2,995,743
PAN, YONGCHUN 2,995,361
PANCHAGNULA, MADHUSUDHAN RAO 2,995,649
PANCHAUD, PHILIPPE 2,994,996
PAOLINI, RICHARD J., JR. 2,995,840
PAPADOPOULOS, CHRISTIAN 2,996,624
PAPADOPOULOS, MARK 2,996,624
PAPADOPOULOS, MICHAEL 2,996,624
PAPROCKI, BENJAMIN J 2,996,342
PAPROCKI, BENJAMIN J. 2,996,341
PARABEL LTD. 2,995,190
PARENT, JOSEPH T. 2,996,603
PARK, SANGWORK 2,996,287
PARK, STEVEN W. 2,995,445
PARKER, MATTHEW 2,996,418
PARKES, NIGEL K. 2,996,738
PARNHAM, MICHAEL 2,995,987
PARRISH, COLIN 2,995,382
PASCOLO, STEVE 2,996,467
PASSINI, MARCO A. 2,996,164
PASTORE, GAETANO 2,996,469
PASTRANA, RYAN M. 2,995,765
PATBERG, LOTHAR 2,996,021
PATEL, AMIT S. 2,996,041
PATEL, MAHENDRA R. 2,996,041
PATEL, NIPUL GHANSHYAMBHAI 2,995,798
PATEL, RAJEN M. 2,996,337
PATEL, VISHAL D. 2,995,996
PATIL, ABHISHEK PRAMOD 2,996,194
PATIL, RAHUL 2,995,332
PATIL, SANJAY BHAGAWAN 2,996,184
PATON, ADRIAN 2,996,021
PATTI, JASON C. 2,995,992
PAULSON, NICK 2,996,304
PAUQUET, JEAN-ROCH 2,994,998
PAVLOVSKI, ALEXANDER 2,996,216
PAYNE, JEREMY KEITH 2,996,030
PEACOCK, LAWRENCE ALAN 2,995,400
PEAK POWER, INC. 2,995,651
PEARSE, GARY 2,996,651
PEATTIE, JOHN 2,996,165
PEDERSEN, KENNETH TWISTTMANN 2,996,404
PELLIGRA, CLAIRE 2,995,623
PELOTON TECHNOLOGY, INC. 2,996,546
PELYANSKIY, MIKHAIL 2,996,314
PENMETSA, PRAVEEN VARMA 2,995,737
PEOPLES, BRIAN 2,995,491
PERI, RAGHUVEER 2,996,136
PERSAC, STEPHEN BYRNE 2,995,595
PERSAC, STEPHEN BYRNE 2,995,600
PETERS, MARK EDWIN 2,995,124
PETERSON, MARNIE L. 2,995,816
PETLOCK, BRUCE ROBERT 2,994,994
PETROVIC, BRANISLAV 2,995,455
PETROVIC, BRANISLAV 2,995,587
PFANNER SCHUTZBEKLEIDUNG GMBH 2,996,712
PFANNER, ANTON 2,996,712
PFISTER, HELENE 2,996,073
PFIZER INC. 2,995,990
PFUNDSTEIN, BERND 2,996,367
PHADKE, AVINASH S. 2,996,415
PHALEN, HENRY 2,996,527
PHARMACYCLICS LLC 2,996,177
PHILIP MORRIS PRODUCTS S.A. 2,995,895
PHILLIPS, ANDREW J. 2,995,036
PICHOT, MATTHIEU 2,996,093
PICKLES, CHARLES SIMON JAMES 2,995,654
PIERCE, KENNETH R. 2,995,171
PIISPA, EIJA MARJATTA 2,995,842
PILLARISETTI, KODANDARAM 2,995,754
PIMENTEL, MARK 2,996,425
PINZONE, JOSEPH F. 2,996,049
PINZONE, JOSEPH F. 2,996,050
PINZONE, JOSEPH F. 2,996,054
PINZONE, JOSEPH F. 2,996,058
PIONEER HI-BRED INTERNATIONAL, INC. 2,996,326
PIONEER HI-BRED INTERNATIONAL, INC. 2,996,329
PIXIUM VISION SA 2,995,885
PIZARRO HERRERA, CRISTIAN EDUARDO 2,996,328
PLASIER, RONALD 2,995,761
PLATZEK, JOHANNES 2,995,887
PLATZEK, JOHANNES 2,995,905
PLATZEK, JOHANNES 2,995,949
PLATZER, KRISTJAN 2,996,098
PLESNER, BITTEN 2,996,749
POCCIA, JOHN F., III 2,986,693
PODGORSKI, MICHAEL 2,996,217
POINDEXTER, MICHAEL K. 2,996,290
POIROT, LAURENT 2,995,632
POLASKE, NATHAN WALTER 2,996,798
POLIAKOV, EVGENI 2,996,305
POLLANEN, SAIJA 2,996,090
POLLMAN, FRANK 2,995,146
PONT, ELENA GENESCA 2,996,749
POOLMAN, JAN THEUNIS 2,995,873
POON, WAI SING 2,995,579
POPA, SORING 2,996,327
PORDY, ROBERT C. 2,995,645
PORTEBOIS, LEO 2,996,217
PORTMAN, JONATHAN L. 2,996,448
PORTNOY, DANIEL A. 2,996,448
PORTZ, DANIELA 2,995,306
POTAPOV, ALEXANDER 2,996,314
POULET, HERVE 2,996,143
POWELL, PHILLIP W. 2,996,408
POWERS, GORDON D. 2,995,754
PPG INDUSTRIES OHIO, INC. 2,995,988
PPG INDUSTRIES OHIO, INC. 2,996,202
PRABHU, RAJEN 2,996,688
PRAETORIUS, JEREMY M. 2,996,317
PRASANNAVENKATESAN, RAJESH 2,996,418
PRAVESH, JAG 2,995,332
PRENCIPE, MICHAEL 2,996,319
PRENCIPE, MICHAEL 2,996,321
PRENCIPE, MICHAEL 2,996,322
PRENTICE, LEAH 2,996,479
PRESTON, ALEXANDER G. 2,996,245
PRESTON, JAMES R. 2,996,424
PRESZ, WALTER M., JR. 2,995,043
PREXTON THERAPEUTICS SA 2,995,313
PRICE, CHARLES A. 2,996,546
PRICE, RICHARD JOHN 2,995,149
PRITZ, BEN D. 2,996,523
PRIYANANDA, PRAMITH 2,996,461
PRO TRANSIT NANOTHERAPY LLC 2,996,126
PROBST, STEPHAN 2,996,366
PRODUCTION AND INNOVATION ON EDIBLE COATINGS S.L. 2,996,348
PROVIDENCE HEALTH & SERVICES - OREGON 2,995,748
PRUESS, HARALD 2,995,529
PU, YAN 2,996,625
PUTZIEN, SOPHIE 2,995,337
PYLKKANEN, VESA 2,996,423
Q-BOT LIMITED 2,991,683
QIAGEN INSTRUMENTS AG 2,996,476
QIN, FU 2,996,700
QRSKIN GMBH 2,996,235
QSO INTERFEROMETER SYSTEMS AB 2,995,635
QUALCOMM INCORPORATED 2,995,363
QUALCOMM INCORPORATED 2,995,581

QUALCOMM INCORPORATED 2,995,607
QUALCOMM INCORPORATED 2,995,621
QUALCOMM INCORPORATED 2,996,136
QUALCOMM INCORPORATED 2,996,184
QUALCOMM INCORPORATED 2,996,190
QUALCOMM INCORPORATED 2,996,194
QUALCOMM INCORPORATED 2,996,199
QUALCOMM INCORPORATED 2,996,305
QUALCOMM INCORPORATED 2,996,419
QUINTANAR, FELIX C. 2,995,469
QUINTEL, HARALD 2,996,476
QUIROGA, JUAN ANTONIO 2,996,011
R. J. REYNOLDS TOBACCO COMPANY 2,996,625
R. WEISS VERPACKUNGSTECHNIK GMBH & CO. KG 2,995,302
RAAB, R. MICHAEL 2,996,313
RADL, BRUCE 2,996,584
RAES, TOM 2,995,145
RAHIM, NURRUZANA 2,996,414
RAHMANI, RACHID 2,995,140
RAIFORD, WAYNE 2,996,215
RAINWATER, JEFF 2,996,411
RAINWATER, KEITH 2,996,411
RAISA, JUSSI 2,996,634
RAISSINIA, ALIREZA 2,996,194
RAJAH, DIVINO 2,996,321
RAJAH, DIVINO 2,996,322
RAKESH, VINEET 2,995,579
RAMANI, SRINIVASA 2,995,570
RAMASAMY, SIVAKUMAR 2,995,218
RAMING, KLAUS 2,995,306
RAMKUMAR, SHWETHA 2,996,137
RAMPF, MARKUS 2,995,309
RAND, CHRISTOPHER 2,995,002
RANIK, MARTIN 2,996,735
RAPTIS, MARK 2,995,009
RATHS, CORNELIUS 2,996,196
RATLIFF, JUDSON 2,995,977
RATNI, HASANE 2,996,657
RATSCHINSKI, ARNO 2,995,900
RAVI, KRISHNA M. 2,995,062
RAY, JONATHAN ALAN 2,995,630
RAYTHEON COMPANY 2,995,370
RAYTHEON COMPANY 2,996,282
RAYTHEON COMPANY 2,996,581
RAZ, AMIR 2,996,272
REDBACK PNEUMATICS PTY LTD 2,996,323
REEB, DAVID L. 2,995,352
REEH, HOLGER 2,996,367
REGE, AARTI 2,996,319
REGENERON PHARMACEUTICALS, INC. 2,995,248
REGENERON PHARMACEUTICALS, INC. 2,995,645
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,996,281
REGULUS THERAPEUTICS INC. 2,995,996
REICHL, MATHIAS 2,996,038
REIDERMAN, ARCADY 2,996,693
REISGIES, HANS 2,996,206
REISKIND, ANDREW 2,995,950
RENQUIST, BENJAMIN J. 2,996,293
REOHR, WILLIAM ROBERT 2,996,621
RETSINA, THEODORA 2,996,423
REU, GENE B. 2,996,168
REYES, ENRIQUE ANTONIO 2,995,680
REYMANN, STEFFEN 2,995,341
REYMANN, STEFFEN 2,995,590
REYNARD, FREDERIC 2,996,143
REYNAUD, ALEXANDRE 2,996,647
REZAIE, ALI 2,996,425
RGENIX, INC. 2,996,520
RHODES, DOUGLAS S. 2,995,111
RHODIA OPERATIONS 2,995,198
RHODIA OPERATIONS 2,995,831
RICCI, GIOVANNI 2,996,094
RICH, LEWIS L. 2,996,612
RIEDMUELLER, STEFAN 2,995,884
RIES, BERND HEINRICH 2,995,654
RIGUAL, NESTOR 2,996,503
RIISBERG, LONE 2,995,755
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 2,995,758
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 2,995,760
RITCHART, MARK A. 2,996,168
RITE-HITE HOLDING CORPORATION 2,996,320
RITZ, JOSEPH P. 2,995,277
RITZBERGER, CHRISTIAN 2,995,309
RIVEIRO INSUA, JUAN CARLOS 2,996,300
ROACH, TOMMY 2,996,187
ROACH, TOMMY 2,996,204
ROBERSON, MARK W. 2,995,062
ROBERTS, HAROLD GENE 2,995,570
ROBERTS, JUSTIN 2,995,036
ROBERTSON INTELLECTUAL PROPERTIES, LLC 2,996,556
ROBERTSON, MICHAEL C. 2,996,556
ROBEY, RAYMOND J. 2,996,340
ROBEY, RAYMOND J. 2,996,341
ROBINSON, IAN S. 2,996,282
ROBINSON, STEPHEN 2,995,567
ROCHLING, ANDREAS 2,995,900
ROCKTASCHEL, CHRISTIAN 2,996,331
RODMAN, DAVID 2,996,063
RODOS BIOTARGET GMBH 2,995,135
RODRIGUEZ, DIEGO 2,996,011
ROJAS GRAU, MARIA ALEJANDRA 2,996,348
ROLFS, BRYAN E. 2,995,810
ROMANO, VINCENT N. 2,996,182
ROMERO, OSCAR 2,995,584
ROMERO, RICHARD RAUL 2,995,241
ROMM, RONIT 2,996,661
ROMM, RONIT 2,996,664
ROPPANEN, JUKKA 2,996,675
ROSENBERG, STEVEN 2,996,191
ROSENTHAL, ARNON 2,996,059
ROSENTHAL, MICHAEL H. 2,996,673
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